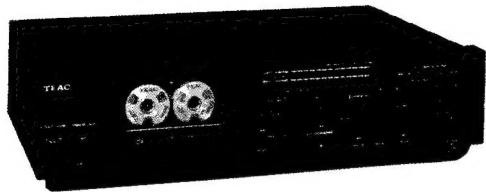


TEAC.[®]



SERVICE MANUAL

V-530X/V-430X

Stereo Cassette Deck

1 SPECIFICATIONS AND SERVICE DATA

仕様及びサービス・データ

Notes:

1. Improvements may result in changes in specifications and service data.
2. 0 dB is referenced to 0.775V in this manual.

SPECIFICATIONS

| | |
|---|---|
| Track system | 4-track, 2-channel stereo |
| Heads | 2: Erase, record/playback |
| Type of tape | Standard compact cassette, C-60 and C-90 |
| Tape speed | 4.76 cm/s (1-7/8 ips) |
| Input (level and impedance) | |
| MIC: | Minimum input level: -60 dB (775µV) |
| LINE IN: | Specified input level: -8 dB (308mV)/50k ohms Minimum input level: -18 dB (97.5mV) |
| Output (level and impedance) | |
| OUTPUT: | Specified output level: -3.5 dB (510mV) 50k ohms or more |
| PHONES: | Specified output level: 50mW/8 ohms |
| Equalization | |
| METAL: | 3180µS + 70µS |
| CrO ₂ : | 3180µS + 70µS |
| NORMAL: | 3180µS + 120µS |
| Head configuration | |
| 1/2-track, 1-channel erase head | |
| 1/4-track, 2-channel record and playback head | |
| Motors | 1 DC servo capstan motor 1 DC reel motor |
| Bias frequency | 85 kHz |
| Operation position | Horizontal |
| Power requirements | |
| 100/120/220/240V AC, 50/60 Hz (General Export Models) | |
| 120V AC, 60 Hz (U.S.A./Canada) | |
| 220V AC, 50 Hz (Europe) | |
| 240V AC, 50 Hz (U.K./Australia) | |
| 100V AC 50/60 Hz (Japan) | |
| Power consumption | |
| V-530X: 23W (Except Japan), 17W (Japan) | |
| V-430X: 18W (Except Japan), 12W (Japan) | |
| Dimensions | See Fig. 1-1 on page 3. |
| Weight | 4.3 kg (9-1/2 lbs) net (V-530X) 3.9 kg (8-5/8 lbs) net (V-430X) |

CAUTION

△ Parts marked with this sign are safety critical components.
They must always be replaced with identical components –
refer to the appropriate parts list and ensure exact replacement.

注意

△印は安全重要部品です。交換する時は必ずティアック指定の部品を使用してください。

注

1. 仕様およびサービス・データは改善のため、予告なく変更することがあります。
2. 本マニュアルの0dBは0.775Vを基準とします。

SERVICE DATA

MECHANICAL

| | |
|-----------------------|--------------------------------------|
| Tape speed deviation | 3000 Hz ±60 Hz |
| Tape speed drift | 45 Hz |
| Wow & flutter | |
| Playback: | 0.12% (WRMS) |
| Pinch roller pressure | 370 to 530 g (13 oz to 18.7 oz) |
| Reel Torque | |
| Take-up: | 30 to 60 g-cm (0.42 to 0.83 oz-inch) |
| F.F./REW: | Approx. 80 g-cm (1.1 oz-inch) |
| Fast winding time | 95 seconds for MTT-551 (C-60) |

ELECTRICAL

| | |
|---------------------------|---|
| Frequency response | See Figs. 5-9 to 5-12 |
| Signal-to-noise ratio | |
| Playback: | NORMAL: 44 dB min. (Linear) |
| Overall: | METAL, CrO ₂ : 49 dB min. (IHFA) |
| | NORMAL: 48 dB min. (IHFA) |
| Erase efficiency | 60 dB min. at 1 kHz (measured with input 10 dB higher than the specified input level) |
| Channel separation | 30 dB min. at 1 kHz |
| Adjacent track crosstalk | 60 dB min. at 1 kHz |
| Third harmonic distortion | |
| | 2.8% or less with Metal |
| | 2.5% or less with CrO ₂ |
| | 2.0% or less with Normal |

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“Dolby” and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

● dbx Noise Reduction system made under license from dbx, Incorporated. The name “dbx” and the dbx symbol are trademarks of dbx, Incorporated.

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● dbx システムは dbx インコーポレーテッドの実施権に基づいて製造されています。

2 REMOVAL OF EXTERNAL COMPONENTS

外装部品の外し方

Disassemble in number-order

番号順に外してください

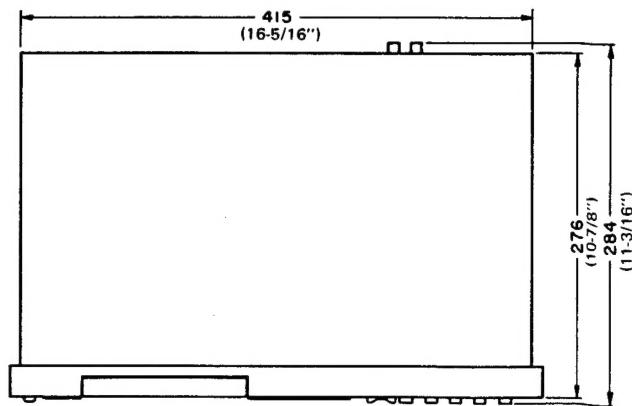
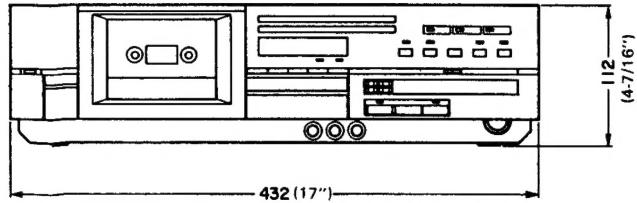
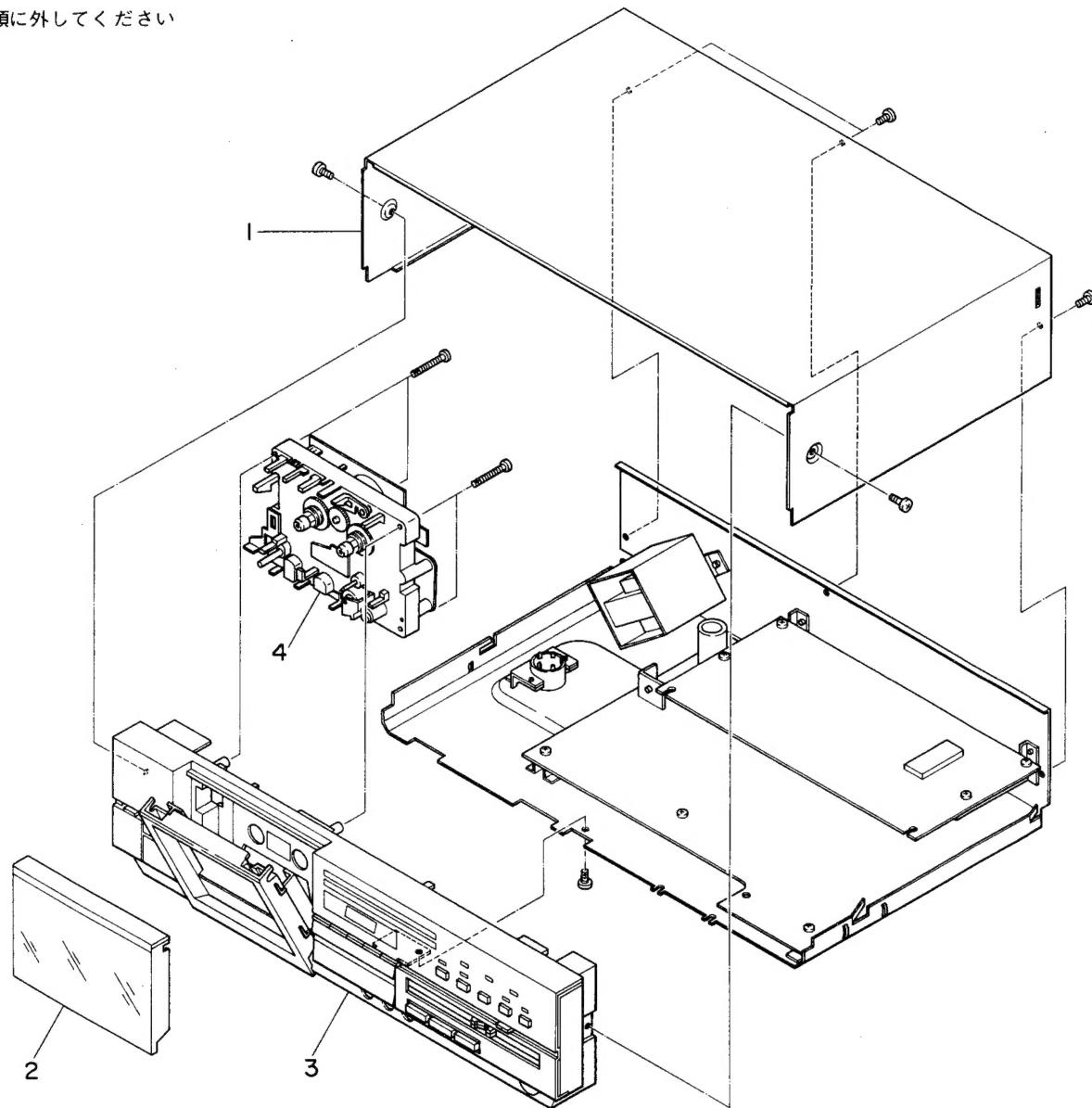


Fig. 1-1

3 PARTS LOCATION

部品配置図

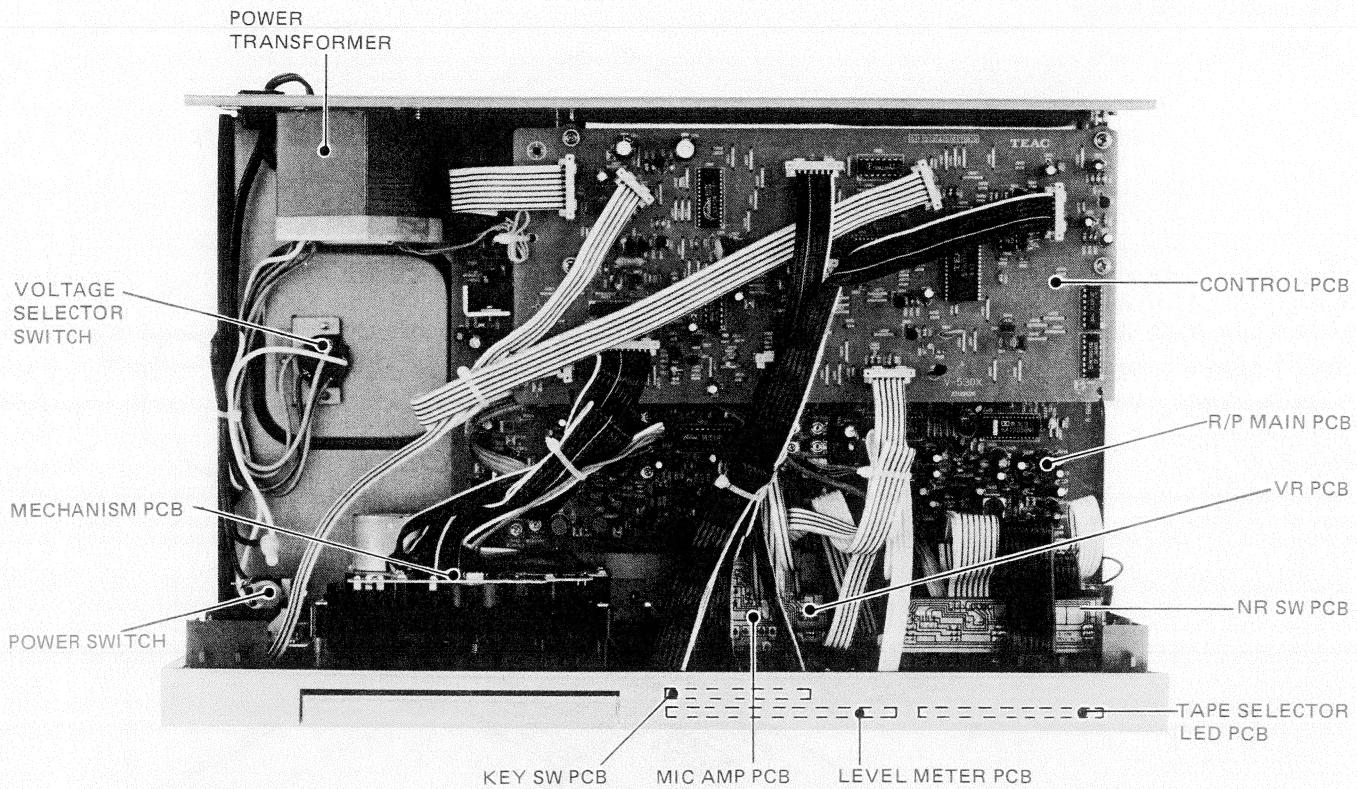


Fig. 3-1 Top view (V-530X) 上面図

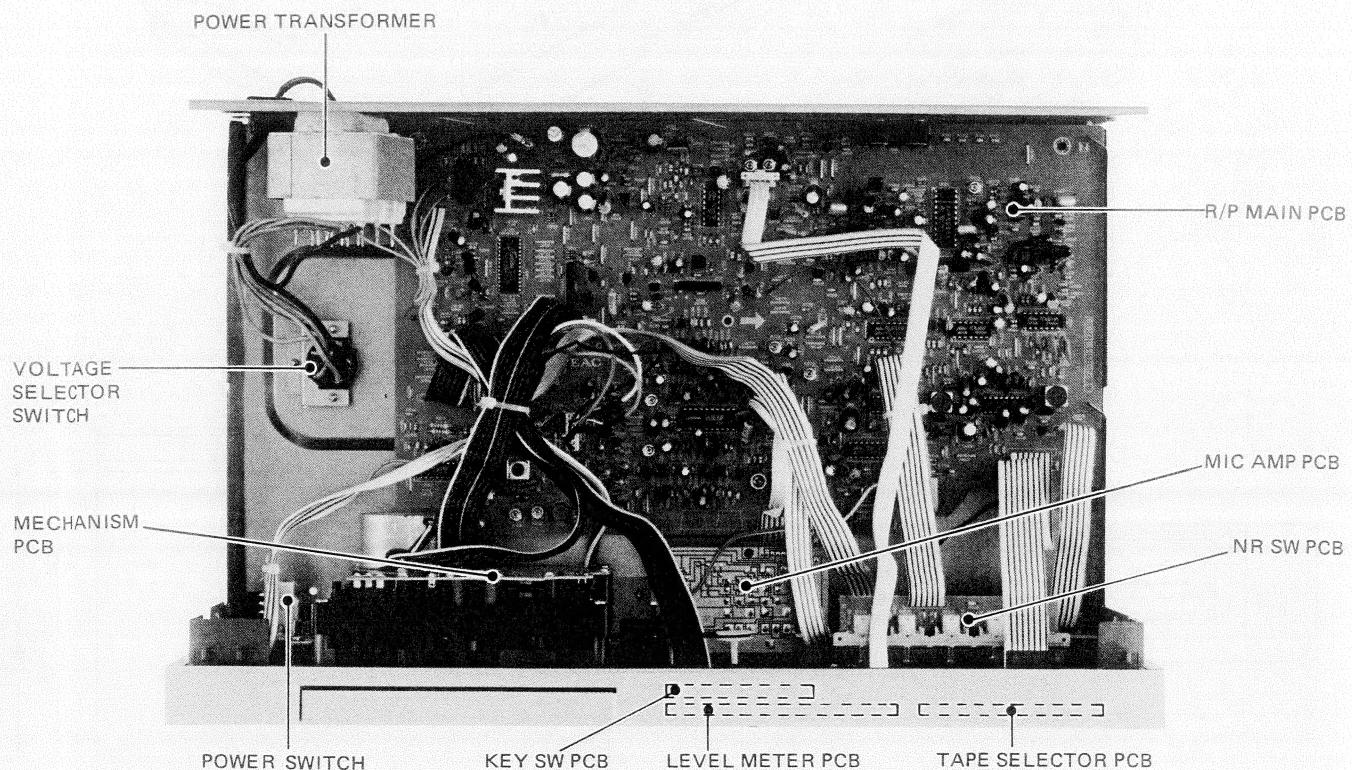


Fig. 3-2 Top view (V-430X) 上面図

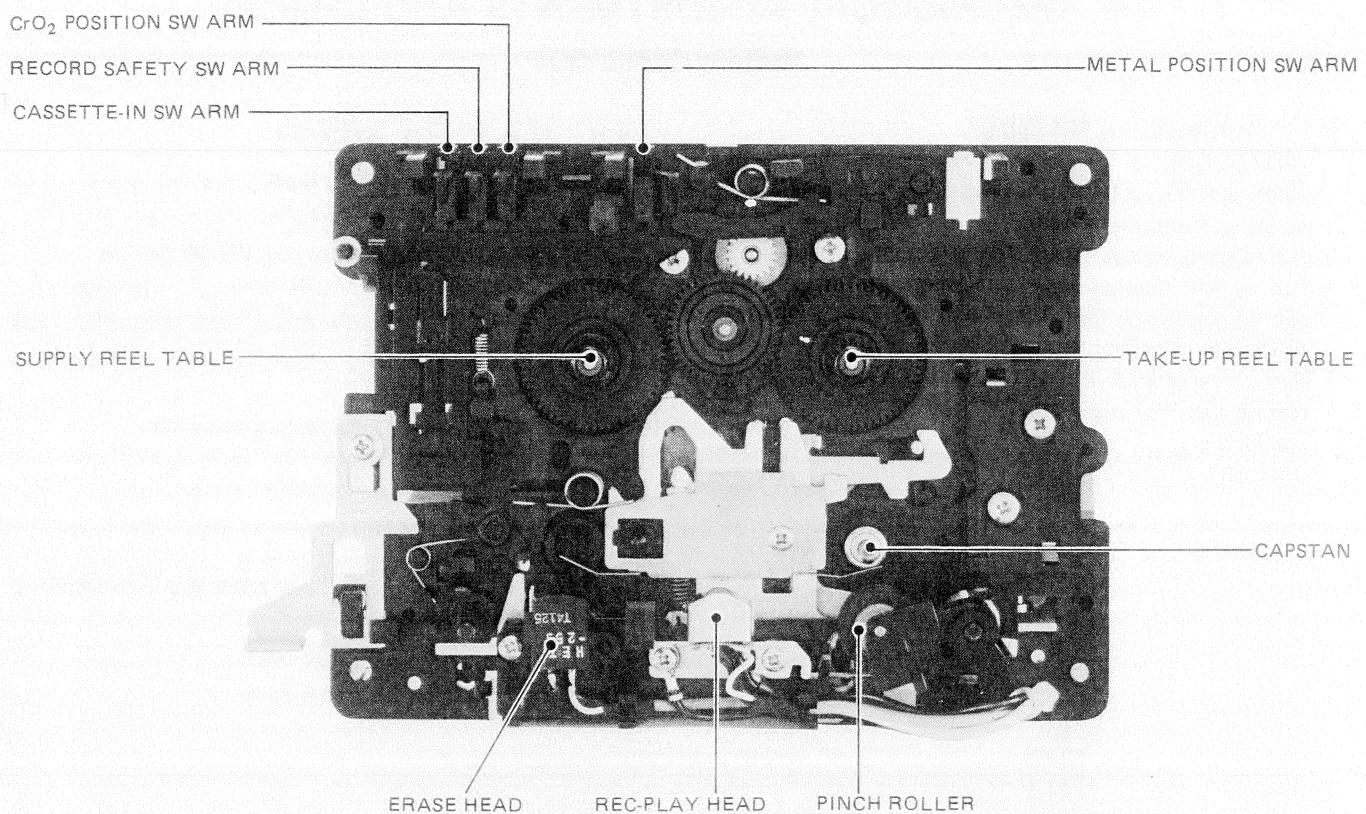


Fig. 3-3 Transport front view (V-530X/V-430X)

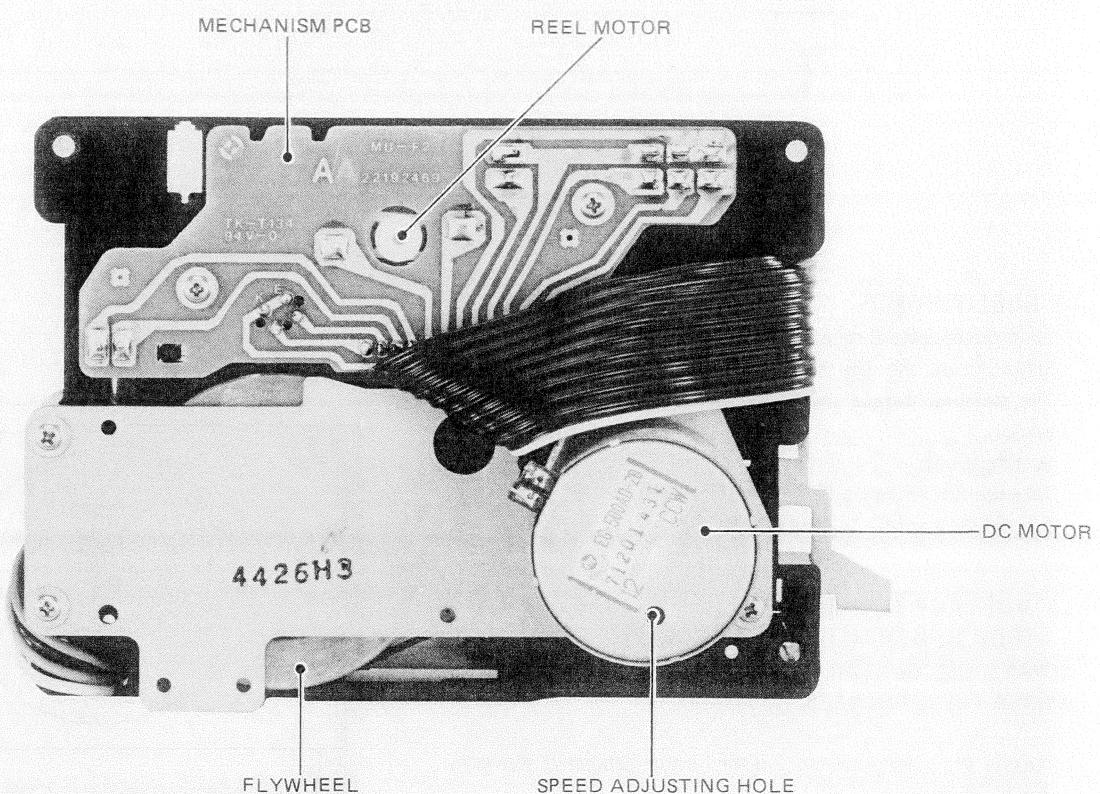


Fig. 3-4 Transport rear view (V-530X/V-430X)

4 MECHANICAL ADJUSTMENTS AND CHECKS

機構部の調整と確認

4-1 PINCH ROLLER PRESSURE

- While pushing up the cassette-in SW arm with the cassette holder shut (Fig. 3-3), activate the play mode. Keep the SW arm pushed up during measurement.
- Hook a spring scale to the pinch roller arm as shown below.
- Pull the scale downwards until there is sufficient force to separate the pinch roller from the capstan shaft, and then allow the pinch roller to just touch the capstan shaft again.
- Read the scale when the pinch roller just starts to rotate. The readings should be as specified below.

Specifications:

370 ~ 530g (13.1 ~ 18.7 oz)

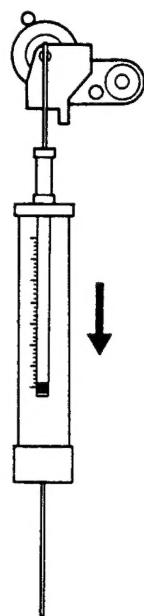


Fig. 4-1

4-2 REEL TORQUE

- Load the cassette torque meter on the deck and read the pointer indication on the dial scale for each tape transport operation. The measured torque should be within the following specified values:

Specifications:

Take-up: 30 ~ 60 g·cm (0.42 ~ 0.83 oz-inch)

F.F./REW: Approx. 80 g·cm (2.8 oz-inch)

4-3 VOLTAGE CONVERSION (FOR GENERAL EXPORT MODELS)

ALWAYS DISCONNECT THE POWER LINE CORD BEFORE
MAKING THESE CHANGES.

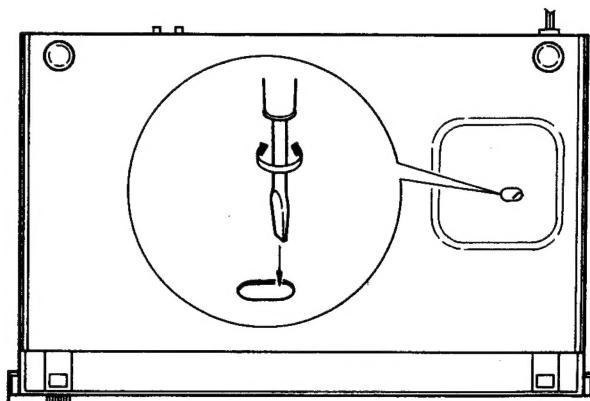
- Locate the voltage selector on the bottom cabinet as shown in the illustration.
- Using a regular (slot blade) screwdriver, turn the selector so that the desired voltage indication appears.

4-1 ピンチ・ローラ圧着力

- カセット・ホルダを閉じた状態で、カセットイン・スイッチアーム（図3-3）を上方に押して、プレイ・モードにする。測定中、スイッチアームは上方に押し続けること。
- ピンチ・ローラ・アームに図4-1のようにバネ秤を掛ける。
- ピンチ・ローラを回転が止まるまで秤を真下に引張った後、ピンチ・ローラが再びキャプスタン・シャフトに接触するように徐々に戻す。
- ピンチ・ローラが回りはじめる時の値を読む。
規格値：370 ~ 530g

4-2 リール・トルク

- カセット型トルク・メータによる測定値が下表の範囲内であることを確認する。
テイクアップ・トルク：30 ~ 60 g·cm
早送りトルク： 約80g·cm



Bottom View

5 ELECTRICAL CHECKS AND ADJUSTMENTS

アンプ部の確認と調整

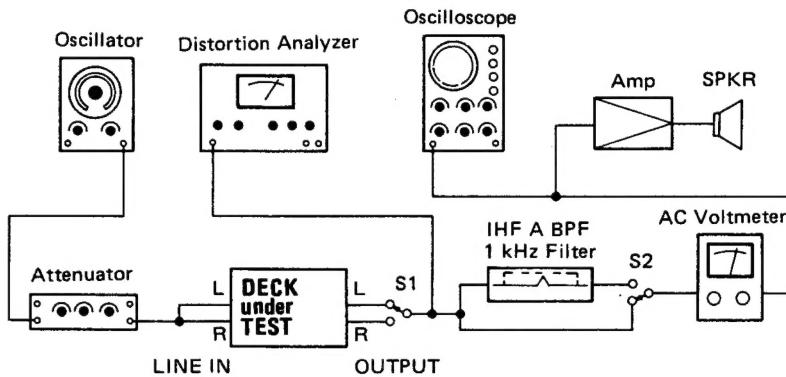


Fig. 5-1 Basic test setup 基本測定接続図

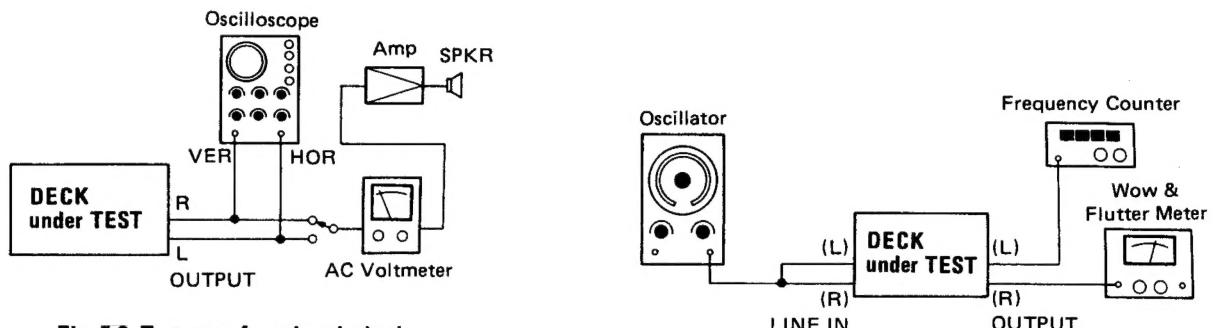


Fig. 5-2 Test setup for azimuth check
位相測定接続図

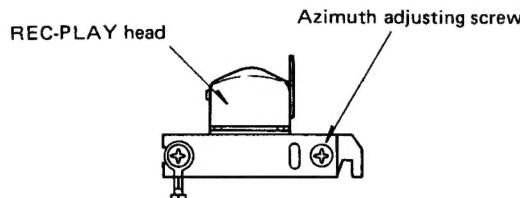


Fig. 5-3 Azimuth screw location
アジャス調整ネジ

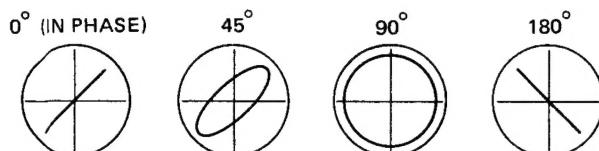


Fig. 5-4 Confirming phase relationship
位相の確認

Fig. 5-6 Wow & flutter check
ワウ・フラッタ・チェック

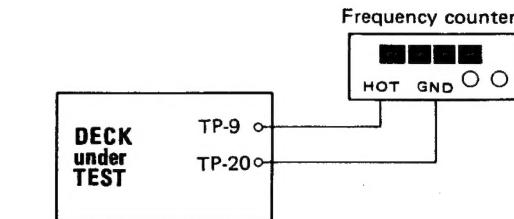


Fig. 5-7 Bias osc. frequency check
バイアス発振周波数チェック

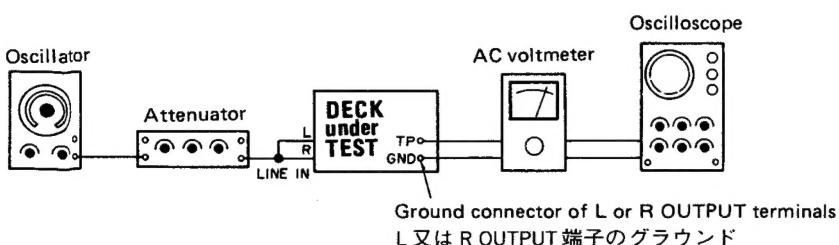


Fig. 5-5 Test setup for items 3 and 6
3及び6項の場合の接続

V-530X/V-430X

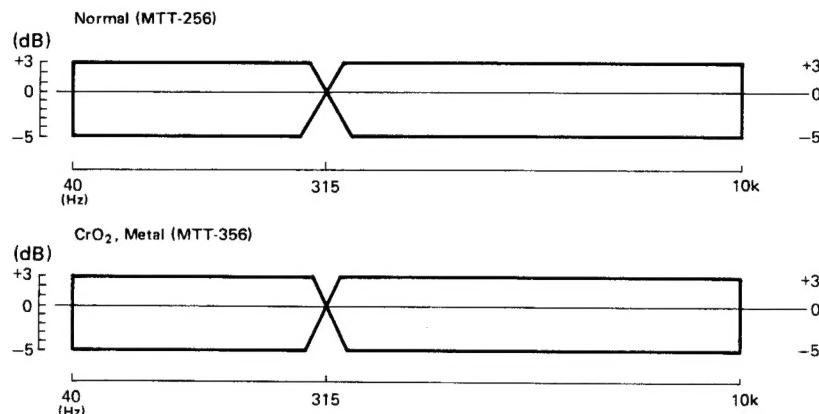


Fig. 5-11 Playback frequency response

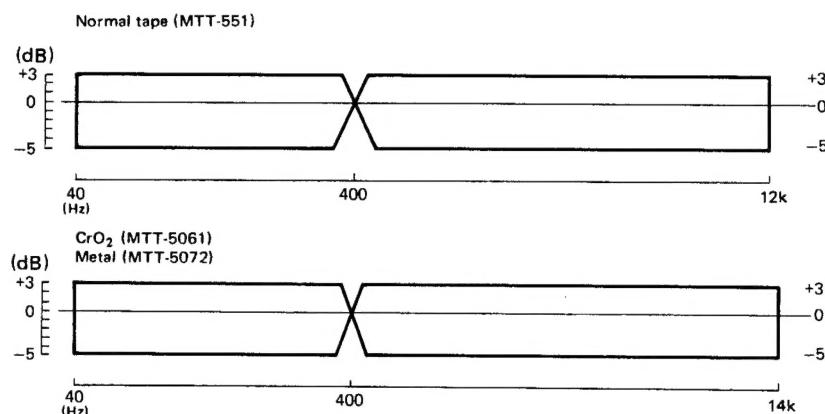


Fig. 5-12 Overall frequency response

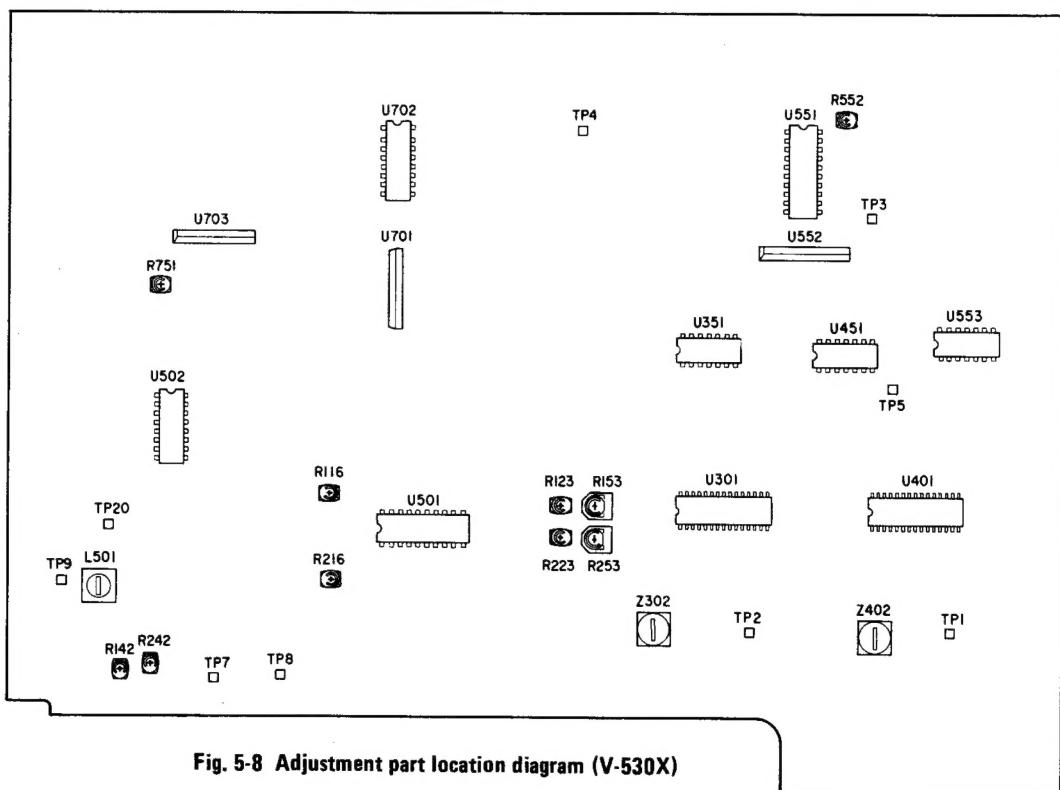


Fig. 5-8 Adjustment part location diagram (V-530X)

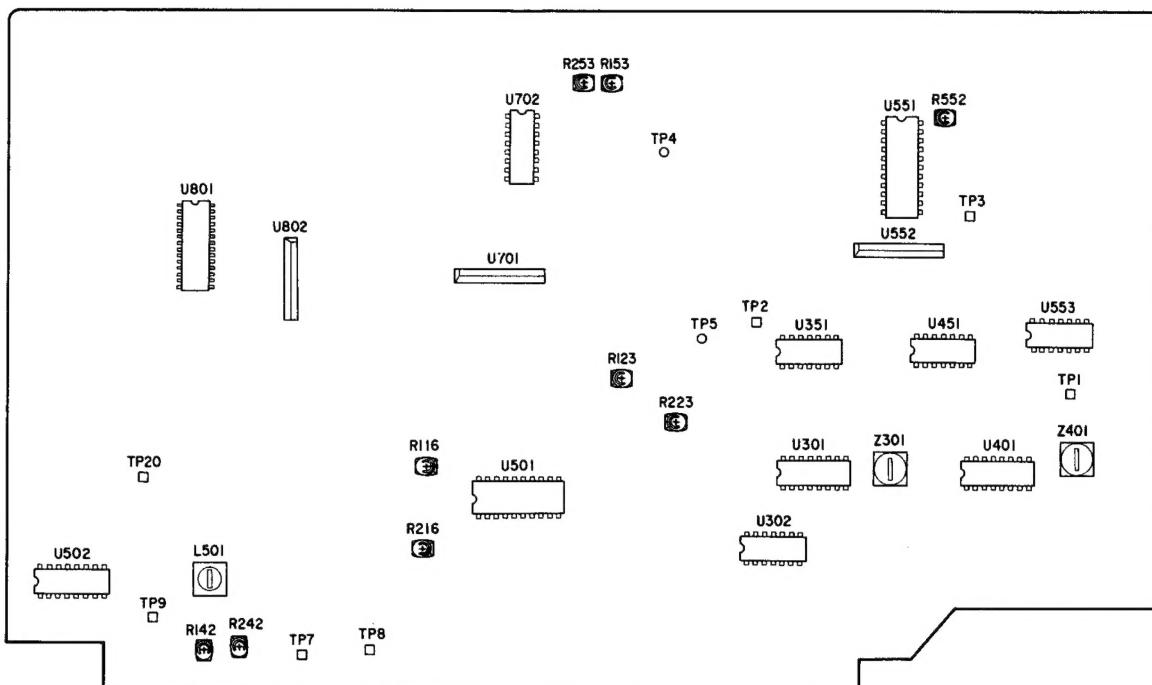


Fig. 5-9 Adjustment part location diagram (V-430X)

| | | |
|-----------|-----------------------------|----------|
| R116/R216 | Playback level adj. | 再生感度調整 |
| R123/R223 | REC/PB level adj. | 録再感度調整 |
| R142/R242 | Overall freq. response adj. | 録再 F 特調整 |
| R153/R253 | Meter adj. | メータ調整 |
| R552 | dbx adj. | DBX 調整 |
| L501 | OSC Frequency adj. | 発振周波数調整 |

PRECAUTIONS

- Since this deck has an automatic tape selector, be sure to use test tapes that have tape position detecting holes.
- Before performing adjustments and checks, clean and demagnetize the entire tape path.
- Check that the deck is properly set for the voltage in your locality.
- In general, adjustments and checks are done in the order of L-ch then R-ch. Double REF. Nos. indicate L-ch/R-ch.
(Example: R116/R226)
- The value of "dB" refers to 0 dB (0.775V). If an AC voltmeter calibrated to 0 dB (1V) is to be used, appropriate compensation should be made.
- The AC voltmeter used in the procedures must have an input impedance of 1M-ohms or more.

準備

- 本機はテープ・セレクタ自動検出機構になっていますので、テスト・テープは必ずテープ・ポジション検出孔のあるものを使用して下さい。
- アンプ部の調整・確認の前に、テープ走行系の消磁と清掃を行なってください。
- 特に指定のない限り、調整は Lch, Rch の順序で行なって下さい。
尚、R116/R216 のように記されている回路番号は、Lch / Rch を示します。
- 0 dB=0.775V
- 測定に使用するレベル計の入力インピーダンスは 1 MΩ以上のものを使用してください。

V-530X/V-430X

PLAYBACK PERFORMANCE

再生系

Initial deck setting:

OUTPUT cont: MAX
RECORD cont: MIN
NR SYSTEM sw: OUT

TEAC test tapes:

MTT-150: For Dolby level calibration
MTT-256: For playback frequency response check for NORMAL
MTT-356: For playback frequency response check for CrO₂, METAL
MTT-111: For tape speed & W/F check

| ITEM 調整項目 | SETTING 設定 | INPUT SIGNAL 入力信号 | ADJUST 調整個所 | RESULT 調整値 | REMARKS 備考 |
|--|-------------------------|--------------------------|---|--|------------------------------|
| 1. REC/PLAY head azimuth 録再ヘッド・アジャス | Connection: Fig. 5-2 | MTT-356(12.5kHz) | Azimuth adj. screw アジャス調整ネジ | OUTPUT: MAX 最大 | |
| 2. Tape speed テープ速度 | Connection: Fig 5-6 | MTT-111 | Semi-fixed resistor on the capstan motor キャスタン・モータ内の半固定 | OUTPUT: 3,000Hz ± 30Hz | |
| 3. Playback level 再生レベル | Connection: Fig. 5-5 | MTT-150 | R116 / R216 | TP-2(L ch) TP-1(R ch) 580mV(-2.5dB)±10mV | OUTPUT: -3.5dB (510mV) |
| 4. Frequency response 周波数特性 | Connection: Fig. 5-1 | MTT-356 (315Hz/10kHz) | Check | OUTPUT: 315Hz 0dB 10kHz +3dB -5dB | |

MONITOR PERFORMANCE

モニタ系

Deck setting:

Mode: REC/PAUSE
OUTPUT cont: MAX

TEAC test tape:

MTT-5072: For METAL
record test

| ITEM 調整項目 | SETTING 設定 | INPUT SIGNAL 入力信号 | ADJUST 調整個所 | RESULT 調整値 | REMARKS 備考 |
|---|-------------------------------------|-----------------------------------|----------------------------|--|------------------------------|
| 5. OSC Frequency 発振周波数 | Connection: Fig. 5-7 | MTT-5072 | L501 | TP-9/TP-20(GND) 83kHz ± 3kHz | |
| 6. Specified LINE input level 規定入力レベル | Connection: Fig. 5-5 MTT-5072 | LINE IN: 400Hz/-8dB (308mV) | RECORD cont: RECORD つまみ | TP-2(L ch) TP-1(R ch) 580mV(-2.5dB)±10mV | OUTPUT: -3.5dB (510mV) |
| 7. PEAK LEVEL (dB) meter | Same as above | LINE IN: 400Hz/-8dB (308mV) | R153/R253 | 0dB light up 点灯 | |

RECORDING PERFORMANCE

録音系

Deck setting:

Mode: REC/PAUSE
OUTPUT cont: MAX
RECORD cont: Specified position

TEAC test tapes:

MTT-5061: For CrO₂ record test
MTT-5072: For METAL record test

| ITEM 調整個所 | SETTING 設定 | INPUT SIGNAL 入力信号 | ADJUST 調整個所 | RESULT 調整値 | REMARKS 備考 |
|--|-------------------------------------|--|----------------|---|--------------------------------------|
| 8. Overall frequency response 録再周波数特性 | Connection: Fig. 5-1 MTT-5061 | LINE IN: 400Hz & 12.5kHz alternately/-38dB (10mV) | R142 / R242 | OUTPUT: 12.5kHz output against that of 400Hz: ±1dB 12.5kHz出力が400Hzに対して±1dB | |
| 9. Record level 録音レベル | MTT-5061 | LINE IN: 400Hz/-8dB (308mV) | R123 / R223 | OUTPUT: -3.5dB (510mV) | |
| 10. Distortion 歪率 | MTT-5061 | LINE IN: 333Hz/-11dB (218mV) | Check | OUTPUT: 2.0% or less 以下 | 3rd Harmonic Distortion 3次高調波歪 |

| ITEM 調整個所 | SETTING 設 定 | INPUT SIGNAL 入力信号 | ADJUST 調整個所 | RESULT 調整値 | REMARKS 備 考 |
|--|----------------------------|--|--|--|---|
| 11. Signal-to-noise ratio SN比 | MTT-5061 | LINE IN: 400Hz/-8dB (308mV) ↓ no signal | Check | OUTPUT: 49dB min. ratio 以上 (IHF A) | |
| 12. Erase efficiency 消去率 | | <ul style="list-style-type: none"> Connection is same as in Fig. 5-1, but engage 1-kHz filter. Record a 1-kHz signal. Rewind tape to midpoint of recorded portion. Record a "no signal" portion. Find the difference between the 1-kHz portion and the "no signal" portion. <p>録音部分を再生した時のレベルを基準レベルとし、録音部分を消去した時の出力レベルとの差</p> | | | |
| | | MTT-5072 | LINE IN: 1kHz/+2dB (1V) ↓ no signal | Check | OUTPUT: 60dB min. ratio 1kHz B.P.F. 使用 |
| 13. Channel Separation チャネル間 セパレーション | | <ul style="list-style-type: none"> Connection: Fig. 5-1, but do not connect LINE IN (R), and engage 1-kHz filter. Set the deck to record mode. Find the difference between the 1-kHz recorded portion (L-ch) and the "no-signal" portion (R-ch). Then change the connection and check reverse operation. <p>Lch再生レベルを基準とし、Rchとの出力レベルの差。LchとRchの信号を入れかえた場合についてもチェックすること。</p> | | | |
| | | MTT-5061 | LINE IN: L-ch 1kHz/+2dB (1V) R-ch No signal | Check | OUTPUT: 30dB min. ratio 以下 1kHz B.P.F. 使用 |
| 14. Adjacent track crosstalk 隣接トラック・ クロストーク | | <ul style="list-style-type: none"> Connection: Fig. 5-1, but do not connect LINE IN (L) and OUTPUT (L), and engage 1-kHz filter. Record a 125-Hz signal on R-ch and note output level. Invert tape and play R-ch track. <p>Check leakage level against the output reference of previously recorded portion.</p> <p>録音されたトラックを再生したときの出力レベルを基準レベルとし、テープを反転して再生したときのRch出力レベルとの差</p> | | | |
| | | MTT-5061 | LINE IN: L-ch No signal R-ch 1kHz/+2dB (1V) | Check | OUTPUT: 60dB min. ratio 以下 1kHz B.P.F. 使用 |
| 15. Dolby NR effect ドルビーNR効果 (B-type) | | <ul style="list-style-type: none"> Record a 1-kHz signal with NR SYSTEM switch OUT. Play this portion with NR SYSTEM switch set first to OUT, then to <input checked="" type="checkbox"/> B. Obtain the difference in output level between OUT and <input checked="" type="checkbox"/> B positions. Repeat the above process using a 10-kHz signal. <p>NR SYSTEMスイッチをOUT位置にして信号を録音する。次にこれを再生し、スイッチをOUT→<input checked="" type="checkbox"/> Bと切換えた時の出力レベル変化</p> | | | |
| | | MTT-5061 | LINE IN: 1kHz/-28dB (30mV) | Check | OUTPUT: Variation 3dB ~ 8dB |
| | | | LINE IN: 10kHz/-38dB (10 mV) | Check | OUTPUT: Variation 8dB ~ 10dB |
| 16. Dolby NR effect ドルビーNR効果 (C-type) V-530X only | | <ul style="list-style-type: none"> Repeat same procedure as above, only see that the NR SYSTEM switch is set to <input checked="" type="checkbox"/> C. <p>NR SYSTEMスイッチをOUT位置にして信号を録音する。次にこれを再生し、スイッチをOUT→<input checked="" type="checkbox"/> Cと切換えた時の出力レベル変化</p> | | | |
| | | MTT-5061 | LINE IN: 1kHz/-38dB (10mV) | Check | OUTPUT: Variation 16dB ~ 20dB |
| | | | LINE IN: 10kHz/-48dB (3mV) | Check | OUTPUT: Variation 16dB ~ 20dB |
| 17. dbx adj. | NR SYSTEM: dbx MTT-5061 | LINE IN: 1kHz/-11dB (218mV) | R552 | between TP-3 & TP-4 $15 \pm 0.15\text{mV DC}$ | |
| 18. Signal-to-noise ratio (dbx) | NR SYSTEM: dbx MTT-5061 | LINE IN: 400Hz/-8dB (308mV) ↓ no signal | Check | OUTPUT: 72dB min. ratio 以上 (IHF A) | |

6 BLOCK DIAGRAM

ブロック・ダイヤグラム

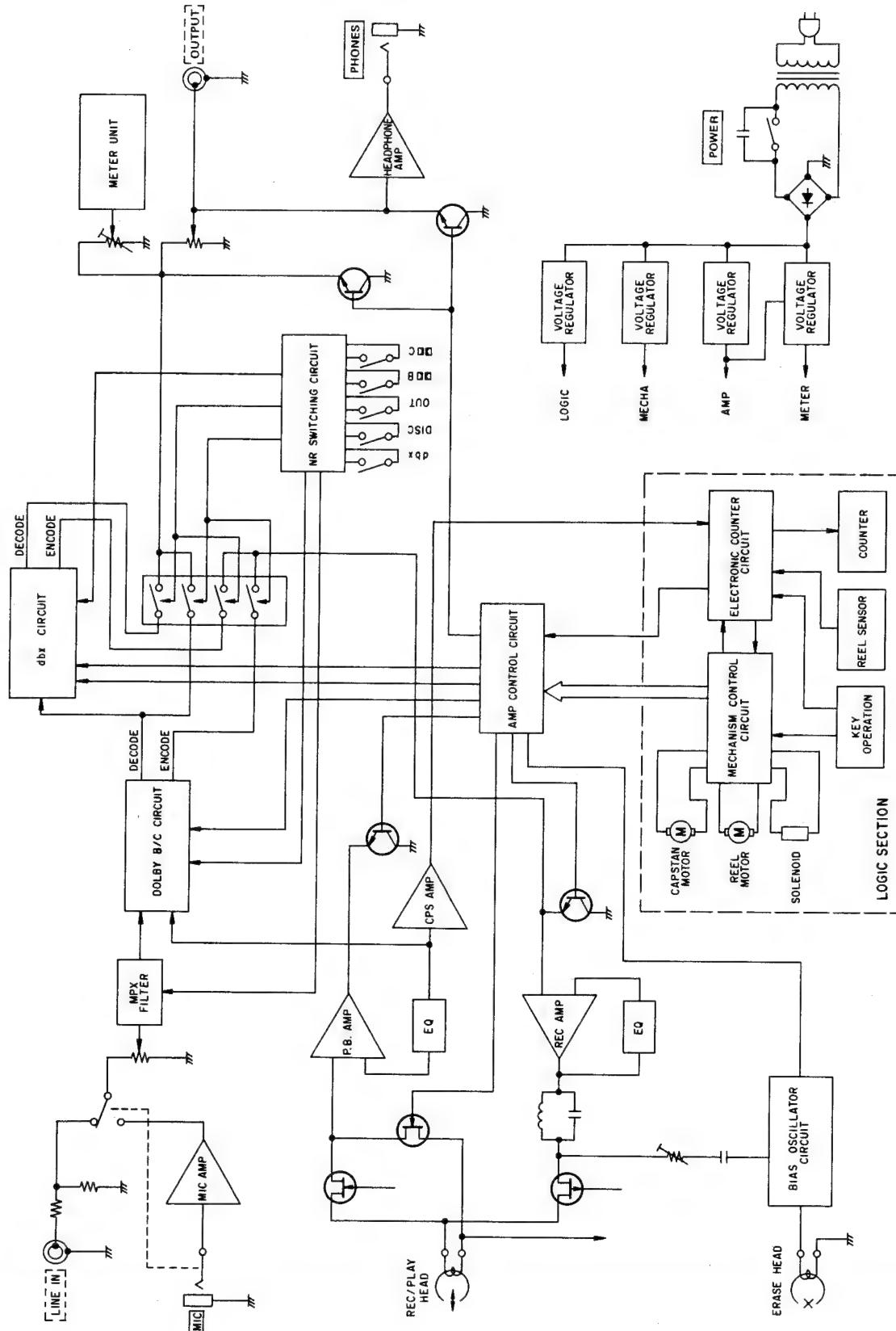


Fig. 6-1 Block diagram (V-530X)

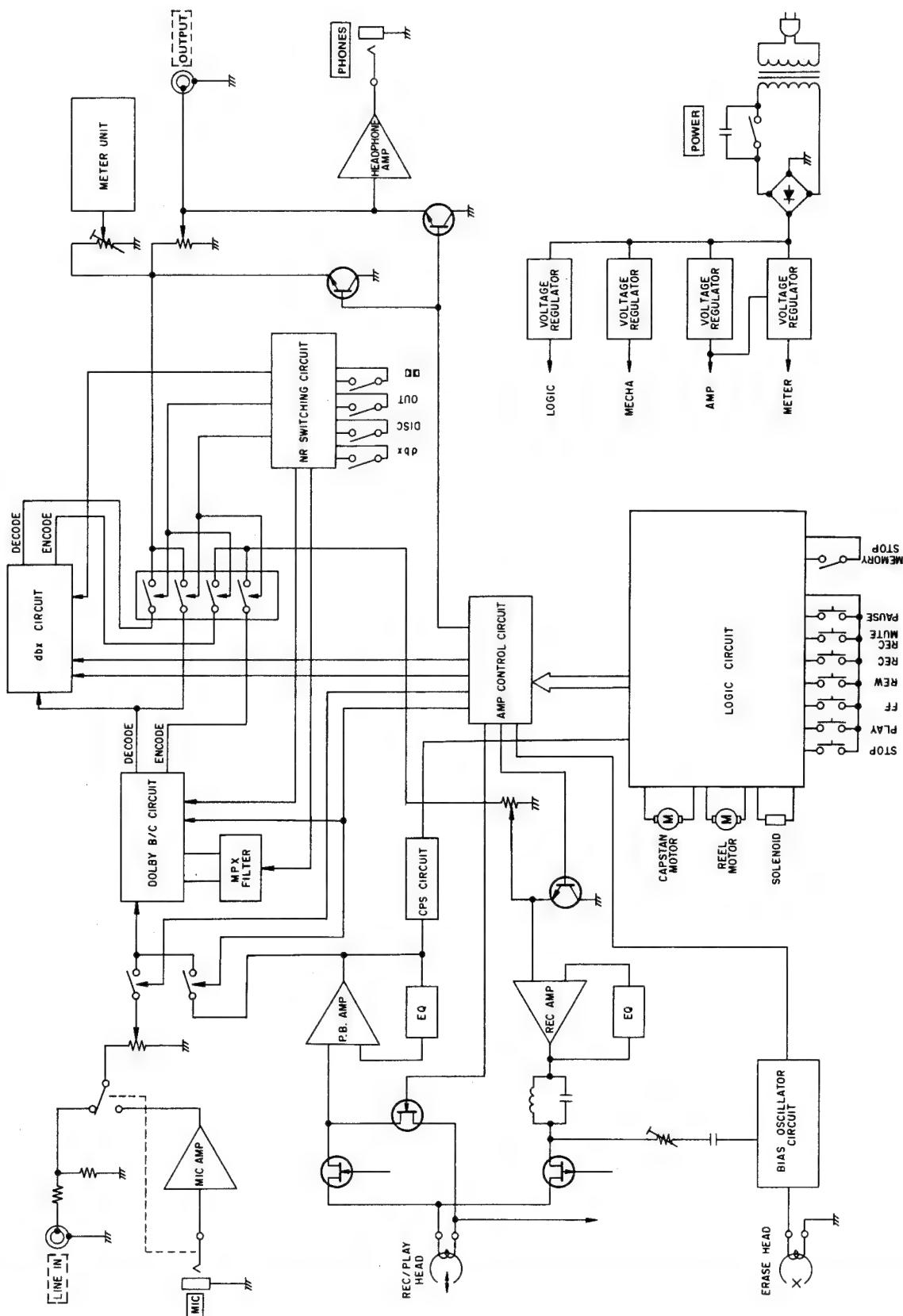


Fig. 6-2 Block diagram (V-430X)

ASSEMBLING HARDWARE CODING LIST

ねじ類一覧表

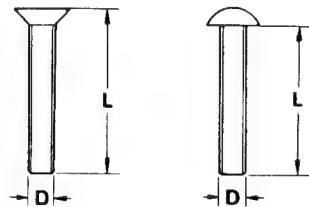
All screws conform to ISO standards, and have crossrecessed heads, unless otherwise noted.
ISO screws have the head inscribed with a point as in the figure to the right.



FOR EXAMPLE:

B M3 x 6

Length in mm (L)
Diameter in mm (D) *
Metric System
Nomenclature



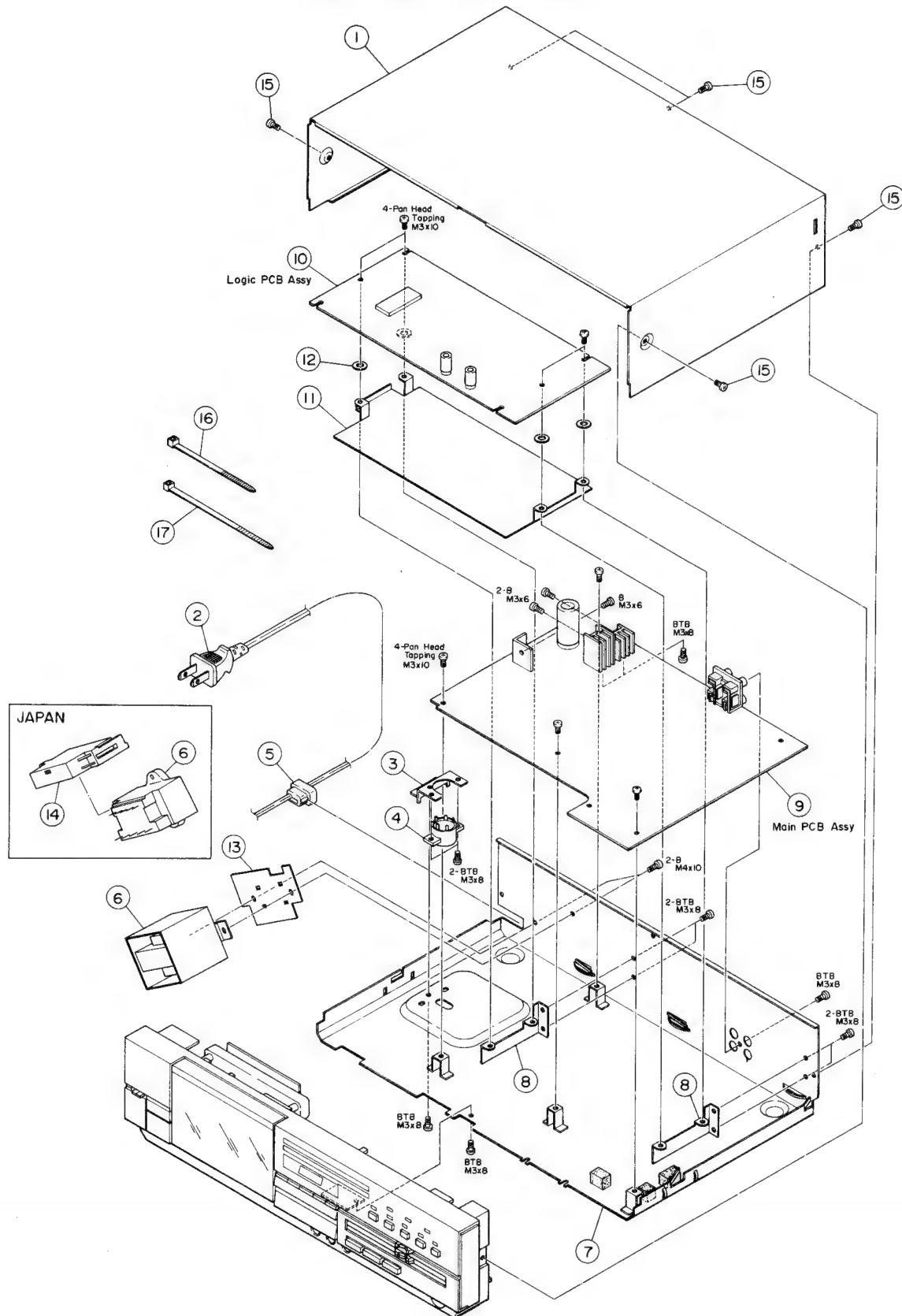
* Inner dia. for washers and nuts

| | <i>Code</i> | <i>Name</i> | <i>Type</i> | | <i>Code</i> | <i>Name</i> | <i>Type</i> |
|---------------|-------------|---------------------------------|-------------|---------------|-------------|-------------------------------------|-------------|
| MACHINE SCREW | R | Round Head Screw | | TAPPING SCREW | BTA | Binding Head Tapping Screw(A Type) | |
| | P | Pan Head Screw | | | BTB | Binding Head Tapping Screw(B Type) | |
| | T | Stove Head Screw (Truss) | | | RTA | Round Head Tapping Screw(A Type) | |
| | B | Binding Head Screw | | | RTB | Round Head Tapping Screw(B Type) | |
| | F | Flat Countersunk Head Screw | | | SF | Hex Socket Setscrew(Flat Point) | |
| | O | Oval Countersunk Head Screw | | | SC | Hex Socket Setscrew(Cup Point) | |
| WOOD SCREW | RW | Round Head Wood Screw | | SETSCREW | SS | Slotted Socket Setscrew(Flat Point) | |
| | FW | Flat Countersunk Wood Screw | | | E | E-Ring (Retaining Washer) | |
| | OW | Oval Countersunk Wood Screw | | | W | Flat Washer (Plain) | |
| SEMS SCREW | BSA | Binding Head SEMS Screw(A Type) | | | SW | Lock Washer (Spring) | |
| | BSB | Binding Head SEMS Screw(B Type) | | | LWI | Lock Washer (Internal Teeth) | |
| | BSF | Binding Head SEMS Screw(F Type) | | | LWE | Lock Washer (External Teeth) | |
| | PSA | Pan Head SEMS Screw(A Type) | | | TW | Trim Washer (Countersunk) | |
| | PSB | Pan Head SEMS Screw(B Type) | | | N | Hex Nut | |

PARTS LIST SECTION

7 EXPLODED VIEWS AND PARTS LIST

分解図とパーツ・リスト

EXPLODED VIEW-1 (V-530X)

| REF. NO. | PARTS NO. | DESCRIPTION | COMMON MODELS | REMARKS |
|----------|---------------|--|---------------|---------|
| 1 - 1 | *5760682300 | Cover, Top (BLK) | | |
| | *5760682500 | Cover, Top | | |
| 1 - 2 | △ *5128027000 | Cord Assy, AC Power | [J] | |
| | △ *5350010800 | Cord Assy, AC Power | [US, C, GE] | |
| | △ *5128047000 | Cord Assy, AC Power | [UK] | |
| | △ *5350011700 | Cord Assy, AC Power | [E] | |
| 1 - 3 | *5760680400 | Bracket, Voltage Selector | [GE] | |
| 1 - 4 | △ *5760673100 | Switch, Voltage Selector | [GE] | |
| 1 - 5 | △ *5760680600 | Bushing, Cord | | |
| 1 - 6 | △ 5760722200 | Transformer, Power | [J] | |
| | △ 5760673800 | Transformer, Power; 367-U/C | [US, C] | |
| | △ 5760673900 | Transformer, Power; 368-TU | [E] | |
| | △ 5760674100 | Transformer, Power; 371-VF | [GE] | |
| 1 - 7 | *5760722000 | Chassis Assy | [J] | |
| | *5760681700 | Chassis Assy | [US, C] | |
| | *5760681900 | Chassis Assy | [E] | |
| | *5760681800 | Chassis Assy | [GE] | |
| 1 - 8 | *5760681000 | Bracket, PCB | | |
| 1 - 9 | *5760770000 | PCB Assy, Main | | |
| 1 - 10 | *5760770100 | PCB Assy, Logic | | |
| 1 - 11 | *5760675300 | Plate, Shield | | |
| 1 - 12 | *5760675700 | Spacer | | |
| 1 - 13 | *5760680700 | Retainer, Transformer | | |
| 1 - 14 | *5760680900 | Cover, Transformer (V-530XBL) [J] | | |
| 1 - 15 | *5760675000 | Screw, Binding Head Tapping; M3 x 10 (Ni) | | |
| | *5760674900 | Screw, Binding Head Tapping; M3 x 10 (BLK) | | |
| 1 - 16 | *5760722300 | Band, Wire; SS L100 | | |
| 1 - 17 | *5760722400 | Band, Wire; L145 | | |

INCLUDED ACCESSORIES

| REF. NO. | PARTS NO. | DESCRIPTION | COMMON MODELS | REMARKS |
|----------|-------------|------------------------------|----------------|---------|
| | *5700060700 | V-530X/V-430X Owner's Manual | [J] | |
| | *5700060500 | V-530X/V-430X Owner's Manual | [All except J] | |
| | *5700060600 | V-530X/V-430X Owner's Manual | [C, GE, E] | |
| | *5760722600 | Cord Assy, In-output | | |

Parts marked with * require longer delivery time.

[US]: U.S.A.
[J]: JAPAN

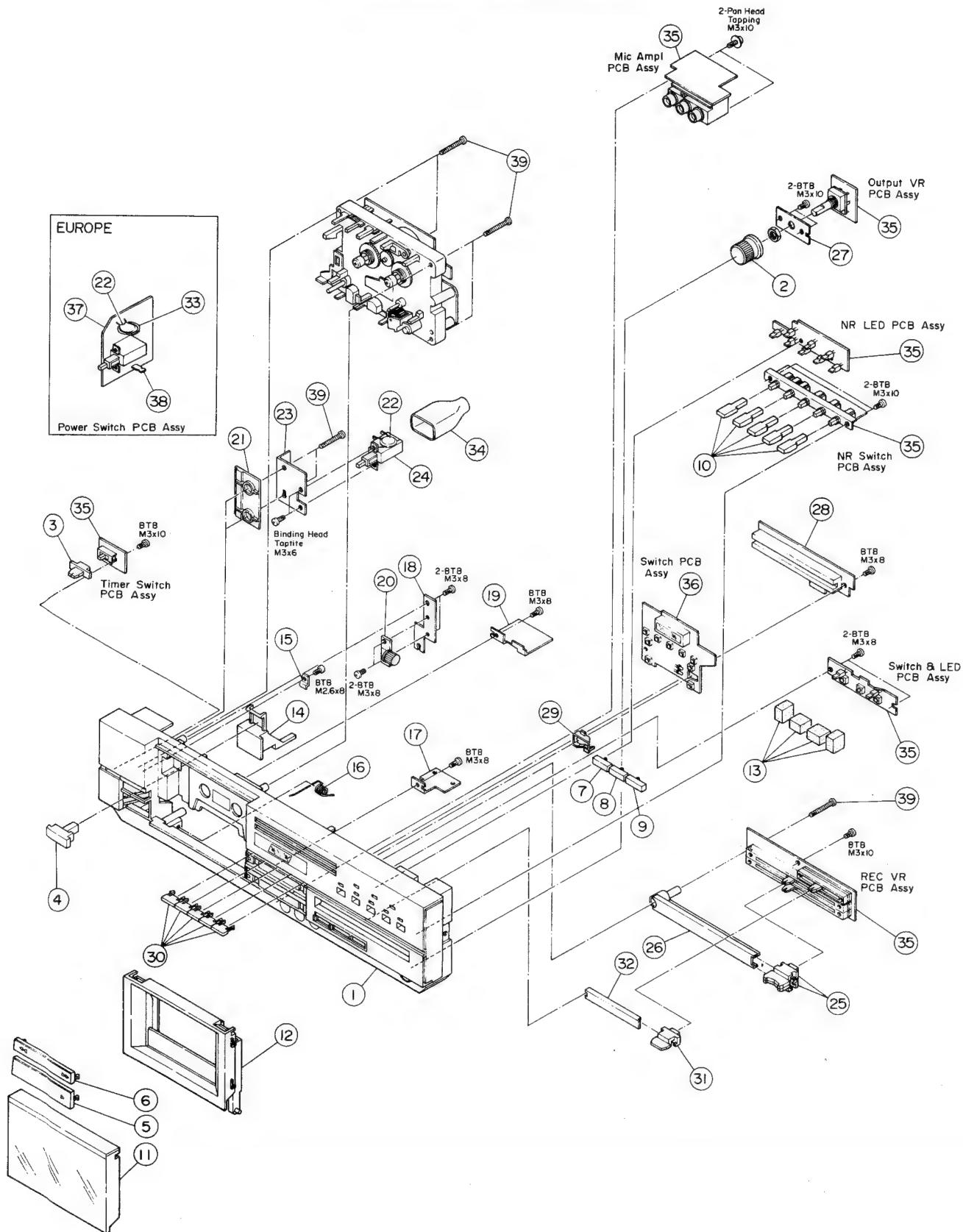
[C]: CANADA

[GE]: GENERAL EXPORT

[E]: EUROPE

[UK]: U.K.

EXPLODED VIEW-2 (V-530X)



| REF. NO. | PARTS NO. | DESCRIPTION | COMMON MODELS | REMARKS |
|----------|--------------------------------|---|---------------|---------|
| 2 - 1 | *5760686600 *5760686400 | Panel Assy, Front Panel Assy, Front (BLK) | | |
| 2 - 2 | 5760684500 | Knob, OUTPUT VR | | |
| 2 - 3 | 5760684200 5760684800 | Knob, TIMER Knob, TIMER (BLK) | | |
| 2 - 4 | 5760684100 5760684900 | Knob, POWER Knob, POWER (BLK) | | |
| 2 - 5 | 5760684400 5760685100 | Knob, PLAY Knob, PLAY (BLK) | | |
| 2 - 6 | 5760684000 | Knob, FF | | |
| | 5760685200 | Knob, FF (BLK) | | |
| 2 - 7 | 5760683900 5760685600 | Knob, REC Knob, REC (BLK) | | |
| 2 - 8 | 5760684600 5760685700 | Knob, MUTE Knob, MUTE (BLK) | | |
| 2 - 9 | 5760684700 5760685800 | Knob, PAUSE Knob, PAUSE (BLK) | | |
| 2 - 10 | 5760683700 5760685900 | Knob, NR Knob, NR (BLK) | | |
| 2 - 11 | 5760683100 | Cover Assy, Cassette | | |
| | 5760683200 | Cover Assy, Cassette (BLK) | | |
| 2 - 12 | 5760724900 | Holder Assy, Cassette | | |
| 2 - 13 | *5760679900 | Cushion | | |
| 2 - 14 | 5760684300 5760685000 | Knob, EJECT Knob, EJECT (BLK) | | |
| 2 - 15 | *5760676000 | Bracket, Knob | | |
| 2 - 16 | *5760678300 | Spring, EJECT | | |
| 2 - 17 | *5760682000 | Bracket, Cassette Holder; R | | |
| 2 - 18 | *5760682200 | Bracket, Damper | | |
| 2 - 19 | *5760682400 | Bracket, Cassette Holder; L | | |
| 2 - 20 | 5760683000 | Damper New | | |
| 2 - 21 | *5760676500 *5760676400 | Cover, Panel Cover, Panel (BLK) | | |
| 2 - 22 | ⚠ *5760769100 ⚠ *5760769200 | Capacitor, Cermaic 4700pF [E] Capacitor, Ceramic 0.01μF 50V [J, US, C, GE] | | |
| 2 - 23 | *5760682100 | Side Chassis, L | | |
| 2 - 24 | 5760673200 | Switch, POWER | | |
| 2 - 25 | 5760724500 *57606769500 | Knob Assy, REC Knob Assy, REC (BLK) | | |
| 2 - 26 | *5760682700 | Guide, REC VR | | |
| 2 - 27 | *5760680500 | Bracket, VR | | |
| 2 - 28 | 5760670200 | Meter Unit | | |
| 2 - 29 | *5760679800 | Reflector, 430 | | |
| 2 - 30 | 5760683600 5760685300 | Knob, CPS Knob, CPS (BLK) | | |
| 2 - 31 | 5760724600 5760724700 | Knob Assy, BIAS Knob Assy, BIAS (BLK) | | |
| 2 - 32 | *5760682800 | Guide, BIAS | | |
| 2 - 33 | *5760675800 | Cover, Capacitor [E] | | |
| 2 - 34 | *5760676200 | Cover, Switch [US, C] | | |
| 2 - 35 | *5760770000 | PCB Assy, Main | | |
| 2 - 36 | *5760770100 | PCB Assy, Logic | | |
| 2 - 37 | *5760672200 | PCB, Power Switch [E] | | |
| 2 - 38 | *5760672000 | Terminal, Power [E] | | |
| 2 - 39 | *5760674800 | Screw, Binding Head Tapping; M3 x 25 (Red) | | |

Parts marked with * require longer delivery time.

[US]: U.S.A.
[J]: JAPAN

[C]: CANADA

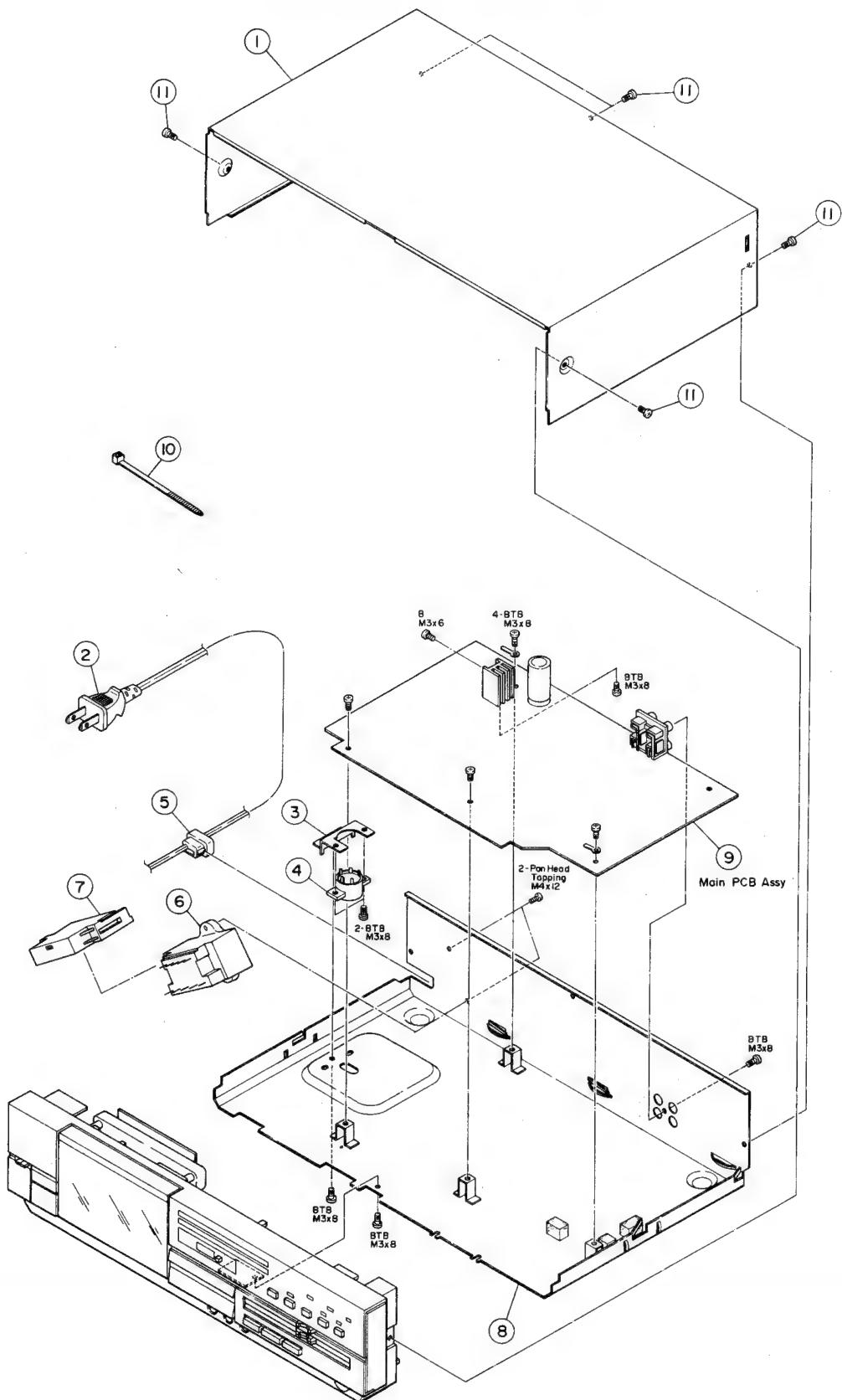
[GE]: GENERAL EXPORT

[E]: EUROPE

[UK]: U.K.

V-530X/V-430X

EXPLODED VIEW-3 (V-430X)



| REF. NO. | PARTS NO. | DESCRIPTION | COMMON MODELS | REMARKS |
|----------|---|---|---------------------------------------|---------|
| 3 - 1 | *5760682300 *5760682500 | Cover, Top (BLK) Cover, Top | | |
| 3 - 2 | ▲ *5128027000 ▲ *5350010800 ▲ *5128047000 | Cord Assy, AC Power Cord Assy, AC Power Cord Assy, AC Power | [J] [US, C, GE] [UK] | |
| 3 - 3 | ▲ *5350011700 *5760680400 | Cord Assy, AC Power Bracket, Voltage Selector | [E] [GE] | |
| 3 - 4 | ▲ *5760673100 | Switch, Voltage Selector | [GE] | |
| 3 - 5 | ▲ *5760680600 | Bushing, Cord | | |
| 3 - 6 | ▲ 5760722100 | Transformer, Power | [J] | |
| | ▲ 5760673700 ▲ 5760673500 ▲ 5760674000 ▲ 5760673600 | Transformer, Power; 163-U/C Transformer, Power; 115-TE Transformer, Power; 370-VF Transformer, Power; 157-TU | [US, C] [E] [GE] [UK] | |
| 3 - 7 | *5760680900 | Cover, Transformer | [J, US, C, E, UK] | |
| 3 - 8 | *5760721900 *5760681300 *5760681400 *5760681600 *5760681500 | Chassis Assy Chassis Assy Chassis Assy Chassis Assy Chassis Assy | [J] [US, C] [E] [GE] [UK] | |
| 3 - 9 | *5760770010 | PCB Assy, Main | | |
| 3 - 10 | *5760722300 | Band, Wire; SS 100 | | |
| 3 - 11 | *5760675000 *5760674900 | Screw, Binding Head Tapping; M3 x 10 (Ni) Screw, Binding Head Tapping; M3 x 10 (BLK) | | |

Parts marked with * require longer delivery time.

[US]: U.S.A.
[J]: JAPAN

[C]: CANADA

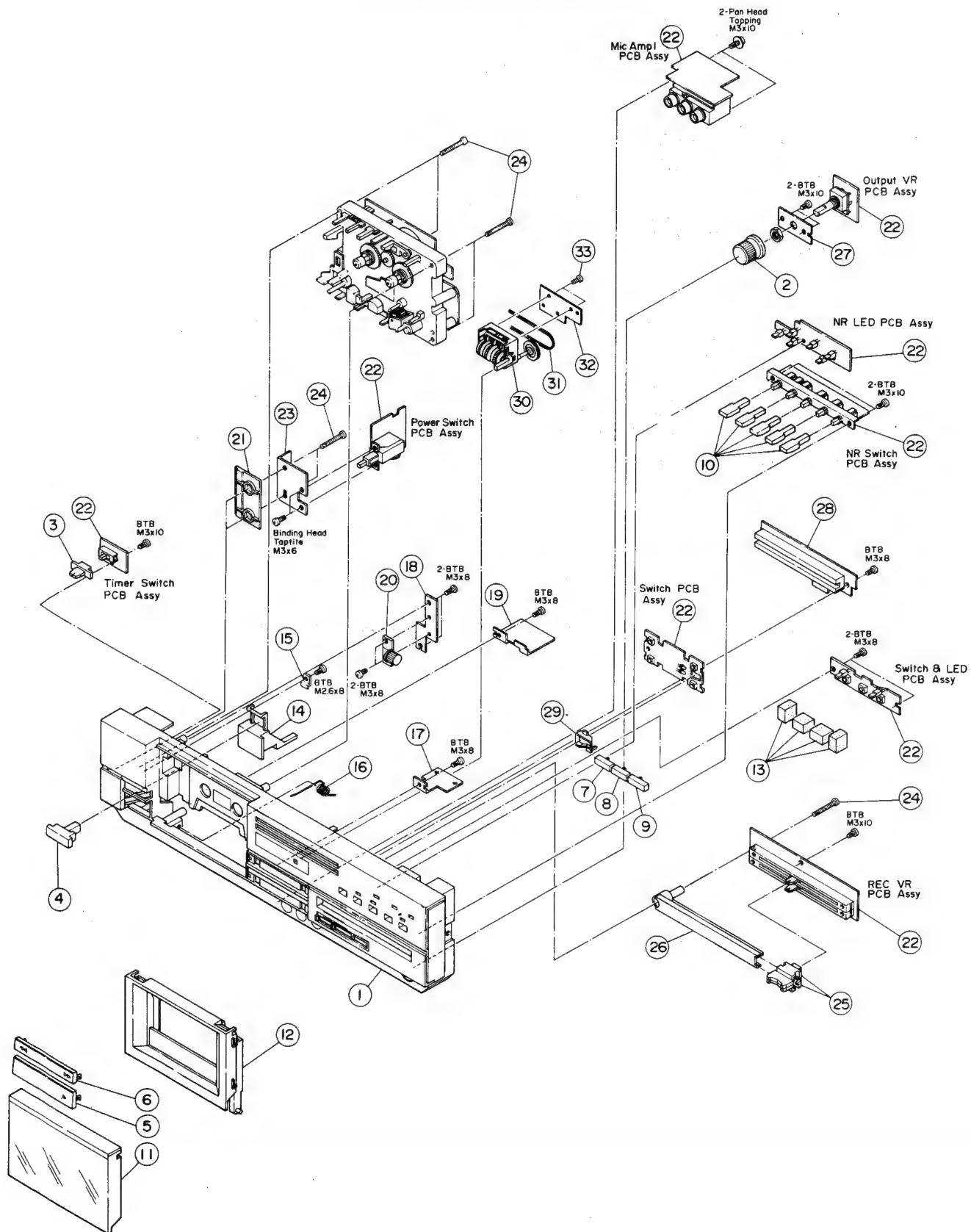
[GE]: GENERAL EXPORT

[E]: EUROPE

[UK]: U.K.

V-530X/V-430X

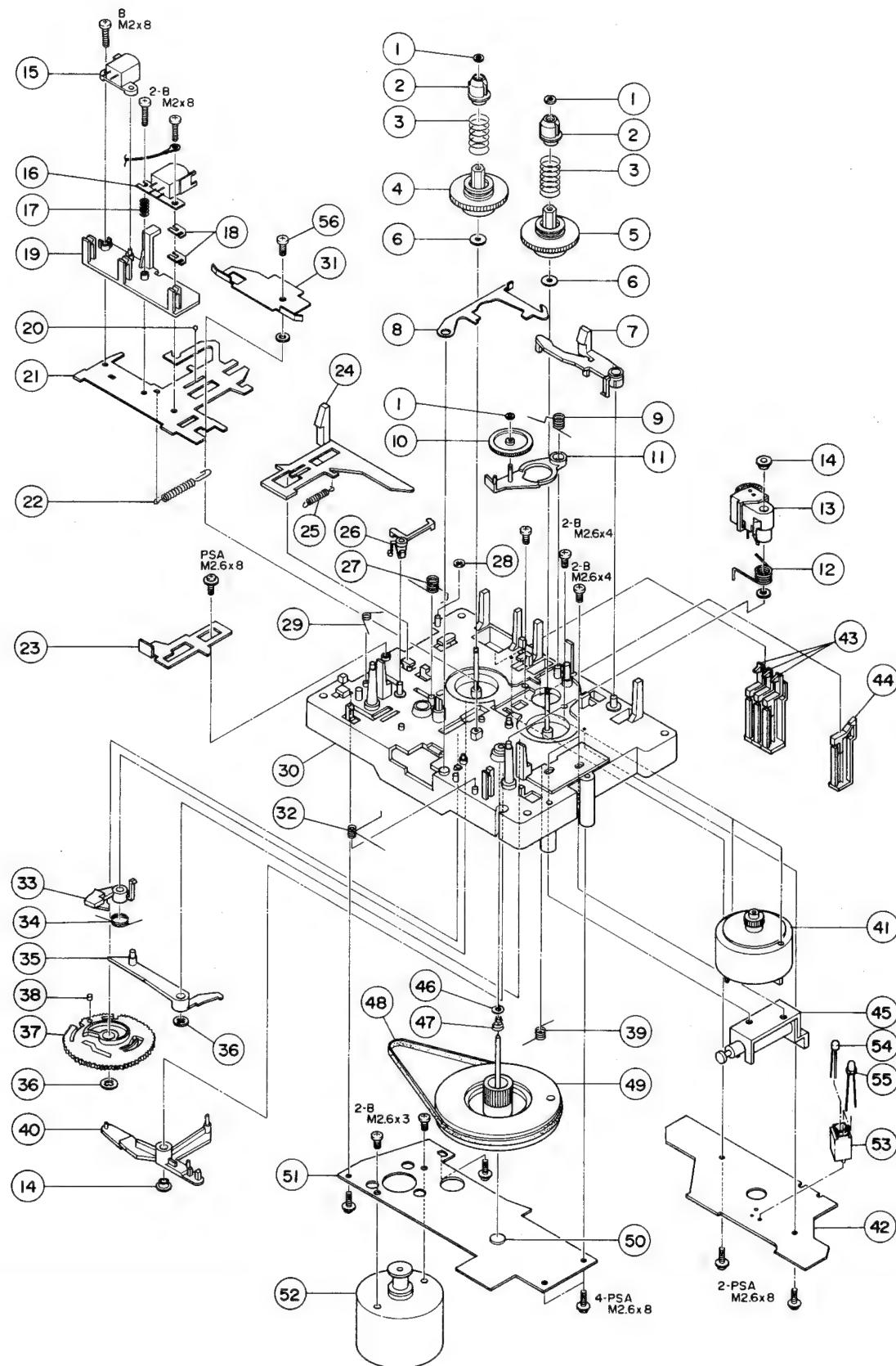
EXPLODED VIEW-4 (V-430X)



| REF. NO. | PARTS NO. | DESCRIPTION | COMMON MODELS | REMARKS |
|-----------------|------------------|--|----------------------|----------------|
| 4 - 1 | *5760686500 | Panel Assy, Front | | |
| | *5760769900 | Panel Assy, Front (BLK) | | |
| 4 - 2 | 5760684500 | Knob, OUTPUT VR | | |
| 4 - 3 | 5760684200 | Knob, TIMER | | |
| | 5760684800 | Knob, TIMER (BLK) | | |
| 4 - 4 | 5760684100 | Knob, POWER | | |
| | 5760684900 | Knob, POWER (BLK) | | |
| 4 - 5 | 5760686000 | Knob, PLAY (S) | | |
| | 5760685100 | Knob, PLAY (BLK) | | |
| 4 - 6 | 5760686100 | Knob, FF (S) | | |
| | 5760685200 | Knob, FF (BLK) | | |
| 4 - 7 | 5760683900 | Knob, REC | | |
| | 5760685600 | Knob, REC (BLK) | | |
| 4 - 8 | 5760684600 | Knob, MUTE | | |
| | 5760685700 | Knob, MUTE (BLK) | | |
| 4 - 9 | 5760684700 | Knob, PAUSE | | |
| | 5760685800 | Knob, PAUSE (BLK) | | |
| 4 - 10 | 5760683700 | Knob, NR | | |
| | 5760685900 | Knob, NR (BLK) | | |
| 4 - 11 | 5760683100 | Cover Assy, Cassette | | |
| | 5760683200 | Cover Assy, Cassette (BLK) | | |
| 4 - 12 | 5760724800 | Holder Assy, Cassette | | |
| 4 - 13 | *5760679900 | Cushion | | |
| 4 - 14 | 5760684300 | Knob, EJECT | | |
| | 5760685000 | Knob, EJECT (BLK) | | |
| 4 - 15 | *5760676000 | Bracket, Knob | | |
| 4 - 16 | *5760678300 | Spring, EJECT | | |
| 4 - 17 | *5760682000 | Bracket, Cassette Holder; R | | |
| 4 - 18 | *5760682200 | Bracket, Damper | | |
| 4 - 19 | *5760682400 | Bracket, Cassette Holder; L | | |
| 4 - 20 | 5760683000 | Damper New | | |
| 4 - 21 | *5760676500 | Cover, Panel | | |
| | *5760676400 | Cover, Panel (BLK) | | |
| 4 - 22 | *5760770010 | PCB Assy, Main | | |
| 4 - 23 | *5760682100 | Side Chassis, L | | |
| 4 - 24 | *5760674800 | Screw, Binding Head Tapping; M3 x 25 (Red) | | |
| 4 - 25 | 5760724500 | Knob Assy, REC | | |
| | *5760769500 | Knob Assy, REC (BLK) | | |
| 4 - 26 | *5760682700 | Guide, REC VR | | |
| 4 - 27 | *5760680500 | Bracket, VR | | |
| 4 - 28 | 5760670200 | Meter Unit | | |
| 4 - 29 | *5760679800 | Reflector, 430 | | |
| 4 - 30 | 5760682900 | Counter, Tape | | |
| 4 - 31 | 5760678100 | Belt, Counter | | |
| 4 - 32 | *5760680300 | Bracket, Counter | | |
| 4 - 33 | *5760722500 | Screw, Binding Head Tapping; M2.6 x 6 | | |

Parts marked with * require longer delivery time.

EXPLODED VIEW-5



| REF. NO. | PARTS NO. | DESCRIPTION | COMMON MODELS | REMARKS |
|----------|-------------|---|---------------|---------|
| 5 - 1 | 5760707100 | Washer, Reel Drum; $\phi 1.6 \times \phi 4 \times 0.5t$ | | |
| 5 - 2 | 5760706700 | Collar, Reel | | |
| 5 - 3 | 5760707200 | Spring, Reel | | |
| 5 - 4 | 5760706800 | Drum, Reel | | |
| 5 - 5 | 5760707400 | Drum Assy, Take-up Reel | | |
| 5 - 6 | 5760707000 | Washer, Reel Drum | | |
| 5 - 7 | *5760705200 | Lever, Holder | | |
| 5 - 8 | *5760721400 | Lever, M.Q.S. | | |
| 5 - 9 | 5760705000 | Spring, Holder | | |
| 5 - 10 | 5760706900 | Gear, Transfer | | |
| 5 - 11 | 5760721100 | Lever Assy, Take-up | | |
| 5 - 12 | 5760704300 | Spring, Pinch Roller Lever | | |
| 5 - 13 | 5760704500 | Lever Assy, Pinch Roller | | |
| 5 - 14 | 5760699100 | Bush (BLK) | | |
| 5 - 15 | 5760702600 | Head ERASE; HET-255 | | |
| 5 - 16 | 5378903700 | Head, Rec/Play; TDK | | |
| 5 - 17 | 5760703400 | Spring, Azimuth | | |
| 5 - 18 | 5760702300 | Spacer, Adjust | | |
| 5 - 19 | 5760703700 | Base, Head | | |
| 5 - 20 | 5760703200 | Ball, Steel; $\phi 1.5$ | | |
| 5 - 21 | *5760703100 | Slider, Head | | |
| 5 - 22 | *5760703300 | Spring, Assist | | |
| 5 - 23 | *5760704700 | Sub Slider, Eject | | |
| 5 - 24 | *5760705400 | Slider, Eject | | |
| 5 - 25 | *5760704800 | Spring, Eject | | |
| 5 - 26 | *5760705300 | Lever, Lock | | |
| 5 - 27 | 5760703500 | Spring, PLAY Lever | | |
| 5 - 28 | *5760705100 | Bushing | | |
| 5 - 29 | 5760704900 | Spring, Lock | | |
| 5 - 30 | *5760703000 | Chassis Assy, Mechanism | | |
| 5 - 31 | *5760703600 | Holder, Spring | | |
| 5 - 32 | 5760706100 | Spring, M.Q.S. | | |
| 5 - 33 | *5760706300 | Lever, PLAY Lock | | |
| 5 - 34 | *5760706000 | Spring, PLAY Lock | | |
| 5 - 35 | *5760706400 | Lever, PLAY | | |
| 5 - 36 | *5760705600 | Ring | | |
| 5 - 37 | 5760705800 | Cam Gear, Main | | |
| 5 - 38 | *5760705500 | Magnet, $\phi 2.3 \times 2.8$ | | |
| 5 - 39 | *5760705900 | Spring, Cam Lock | | |
| 5 - 40 | *5760706500 | Lever, Cam Lock | | |
| 5 - 41 | 5760702900 | Motor Assy, Reel | | |
| 5 - 42 | *5760702200 | PCB Assy, Mechanism | | |
| 5 - 43 | 5760702400 | Switch, Cassette; S851 ~ S853 | | |
| 5 - 44 | 5760702500 | Switch, Metal Tape; S854 | | |
| 5 - 45 | 5760705700 | Solenoid, L1 | | |
| 5 - 46 | 5760704000 | Washer, Flywheel | | |
| 5 - 47 | 5760704200 | Spring, Flywheel | | |
| 5 - 48 | 5760703900 | Belt, Main | | |
| 5 - 49 | 5760704600 | Flywheel Assy | | |
| 5 - 50 | *5760704100 | Washer, Thrust | | |
| 5 - 51 | *5760721000 | Plate, Motor Mount | | |
| 5 - 52 | 5760702800 | Motor Assy, Main | | |
| 5 - 53 | *5760702700 | Holder, Sensor (V-530X) | | |
| 5 - 54 | 5760702100 | Phototransistor, TPS-603-B, Q851 (V-530X) | | |
| 5 - 55 | 5760668700 | LED, TLR-123; D851 (V-530X) | | |
| 5 - 56 | *5760725200 | Screw, Binding Head Tapping; M2 x 5 | | |

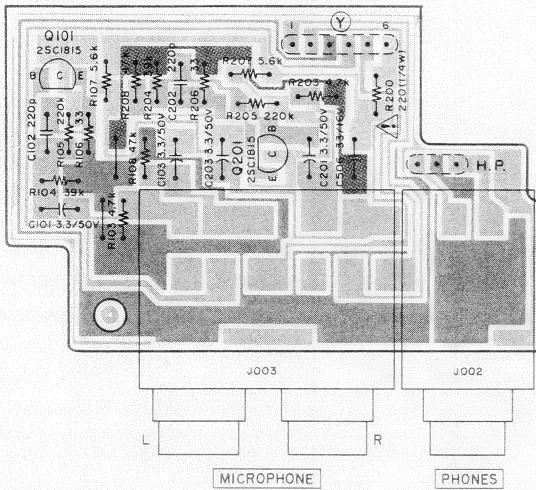
Parts marked with * require longer delivery time.

V-530X/V-430X

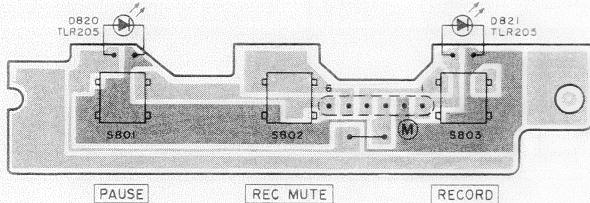
8 PC BOARDS AND PARTS LIST

基板図とパーツ・リスト

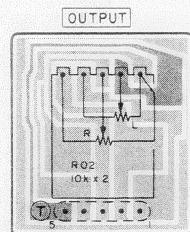
— Amplifier Section —
MIC AMPL. PCB ASSY (V-530X)



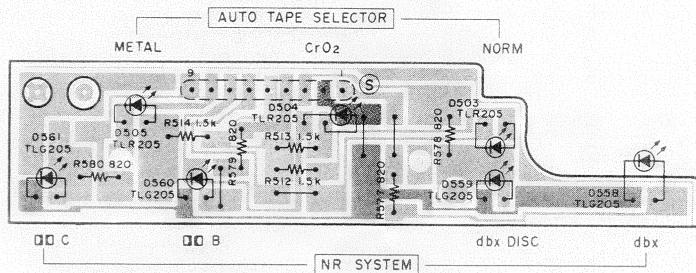
SWITCH & LED PCB ASSY (V-530X)



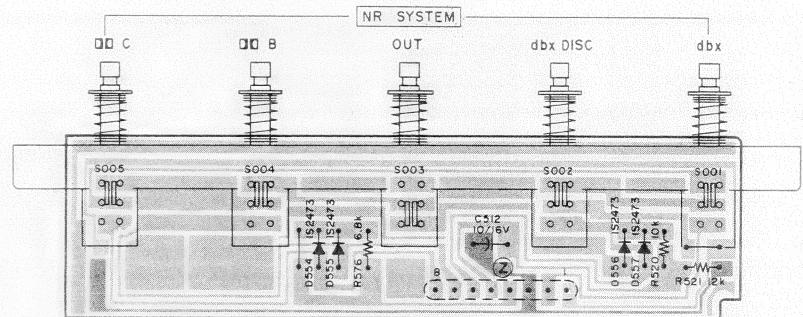
OUTPUT VR PCB ASSY (V-530X)



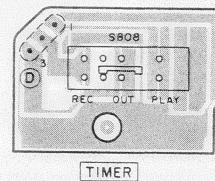
NR LED PCB ASSY (V-530X)



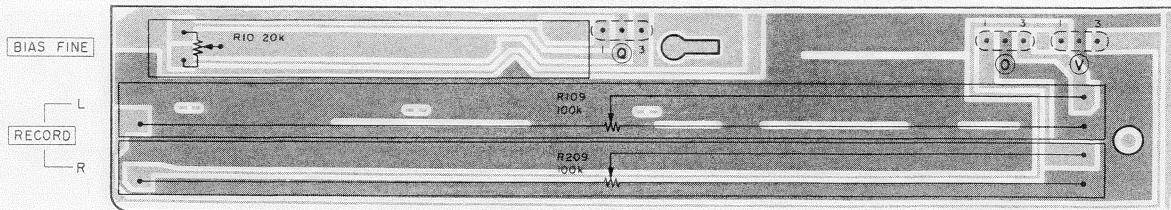
NR SWITCH PCB ASSY (V-530X)



TIMER SWITCH PCB ASSY (V-530X)

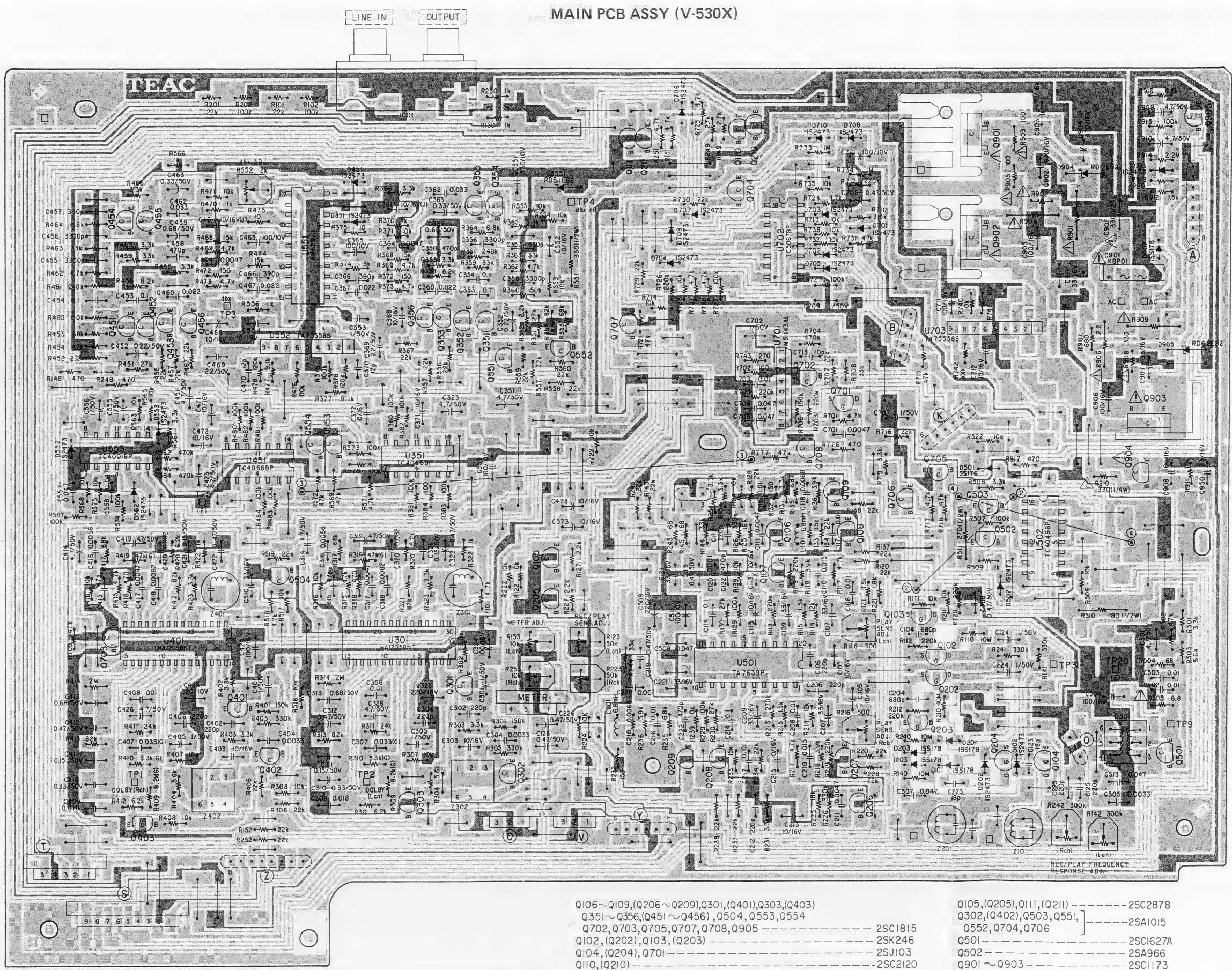


REC VR PCB ASSY (V-530X)



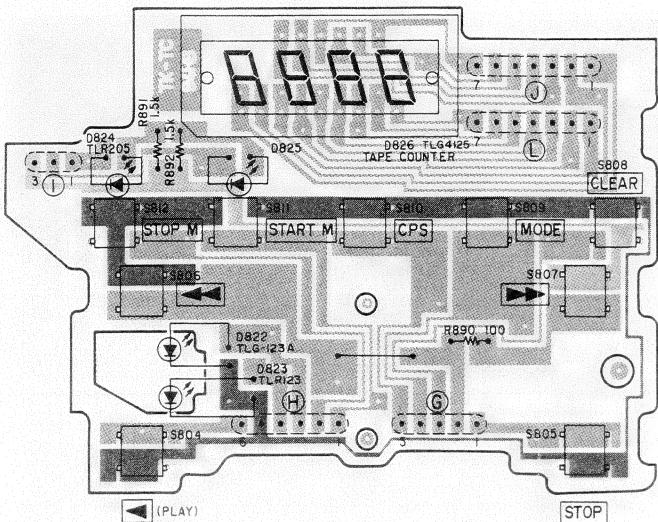
— Amplifier Section (V-530X) —

MAIN PCB ASSY (V-530X)

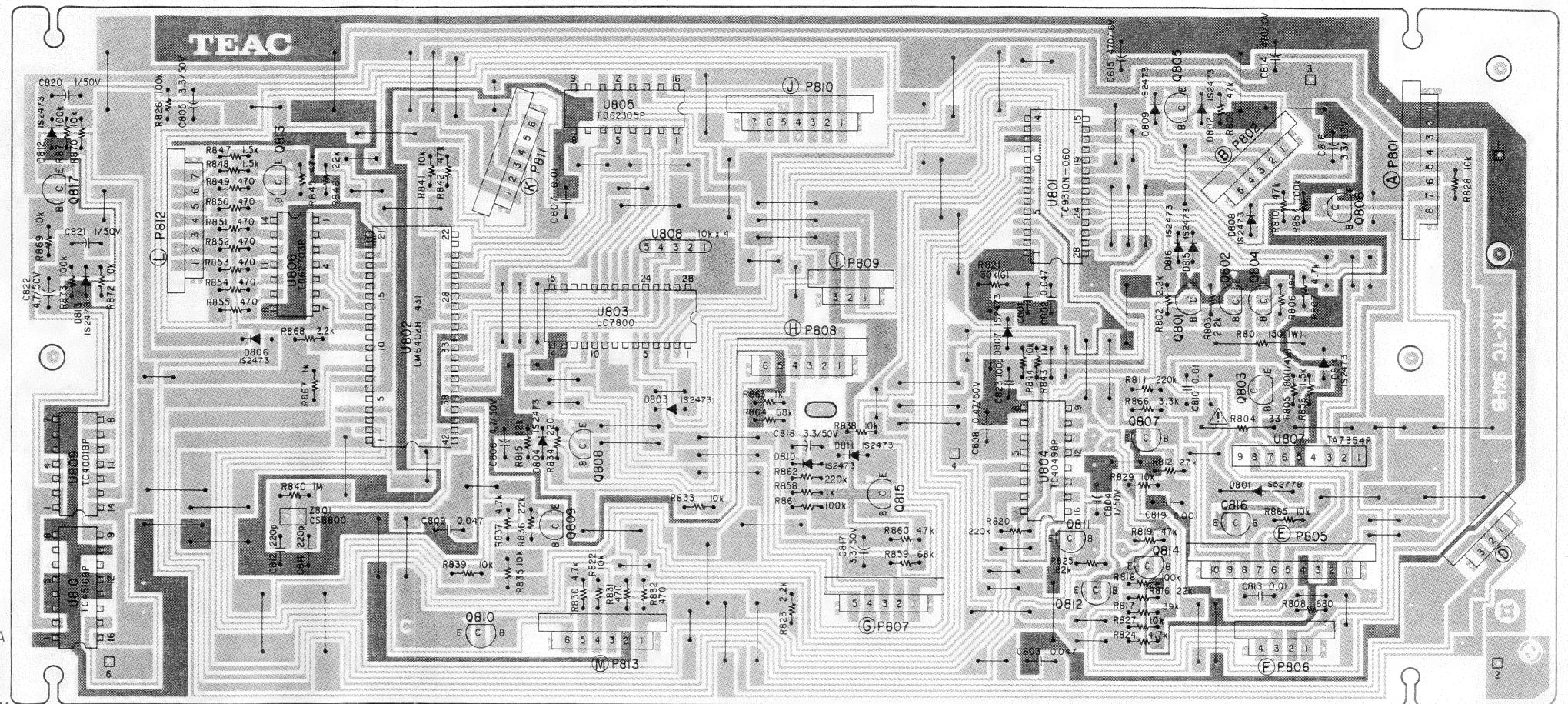


— Control Section (V-530) —

SWITCH PCB ASSY (V-530X)



LOGIC PCB ASSY (V-530X)



NOTES

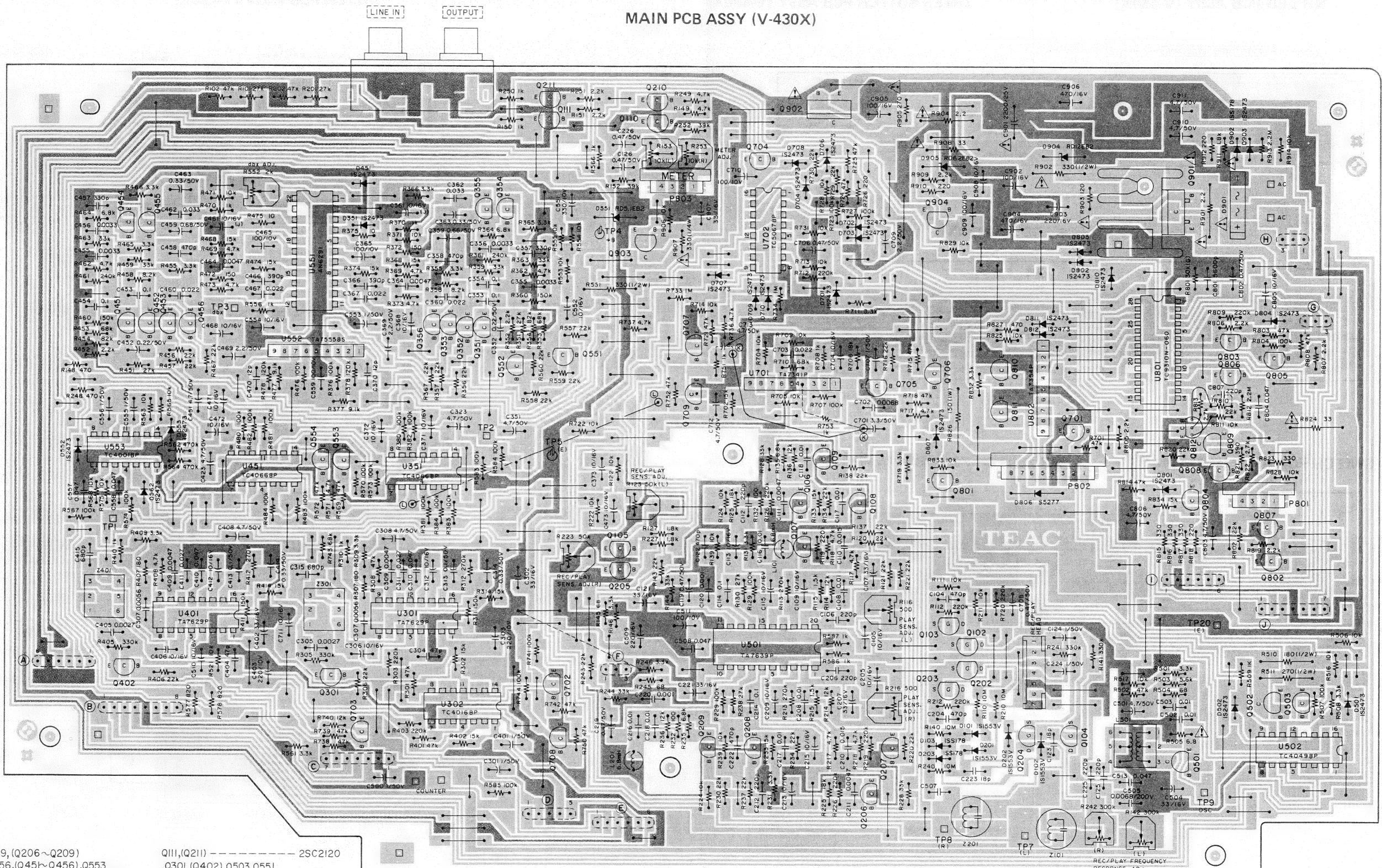
1. PC boards are shown viewed from foil side.
2. The colors on the PC board illustrations have the following significance:
 - : +B power supply circuit
 - : GND
 - : other
3. Resistor values are in ohms (k = kilo-ohms, M = meg-ohms).
4. All capacitor values are in microfarads (p = picofarads).
5. △ Parts marked with this sign are safety critical components. They must always be replaced with identical components. Refer to the appropriate parts list to ensure exact replacement.

注

1. 基板図はパターン面が示されています。
2. プリント・パターンは次のように色別されています。
 - : +B 電源回路
 - : GND
 - : その他の回路
3. 抵抗の単位はΩ (k=kΩ, M=MΩ)です。
4. コンデンサの単位はμF (p=pF)です。
5. △マークのある部品は安全重要部品です。交換するときは必ずティアック指定の部品を使用してください。

— Amplifier/Control (V-430X) —

MAIN PCB ASSY (V-430X)



Q106~Q109, (Q206~Q209)
, Q351~Q356, (Q451~Q456), Q553
, Q554, Q701, Q702, Q705, Q707~Q709
, Q802, Q803, Q808, Q811, Q812

QIII,(Q2II) - - - - - 2SC212

Q102,Q103,(Q202,Q203)---- 2SK246
Q104,(Q204),----- 2SJ103

Q501,Q809,Q904 ----- 2SCI62
2500 ----- 2SCI62

Q102,Q103,(Q202,Q203)--- 2SK246
Q104,(Q204),----- 2SJ103

Q502 ----- 2SA96

Q104,(Q204),-----2SJ103
Q105,(Q205),Q110,(Q210)----2SC287

Q801-25A56
Q807 Q810 - 2SC195

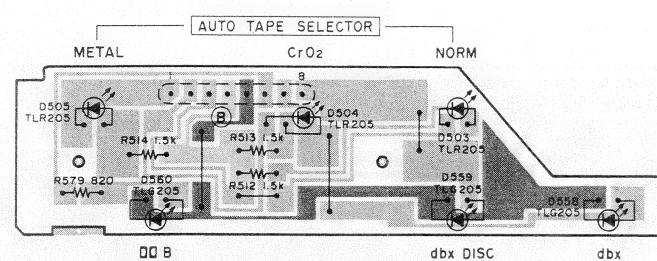
Q105,(Q205),Q110,(Q210) 250261

Q807, Q810 - - - - - 2SC193
Q901, Q902 - - - - - 2SC117

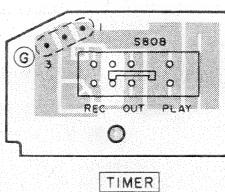
Q901, Q902 ————— 2SC117
Q903 ————— 2SC22

— Amplifier Section (V-430X) —

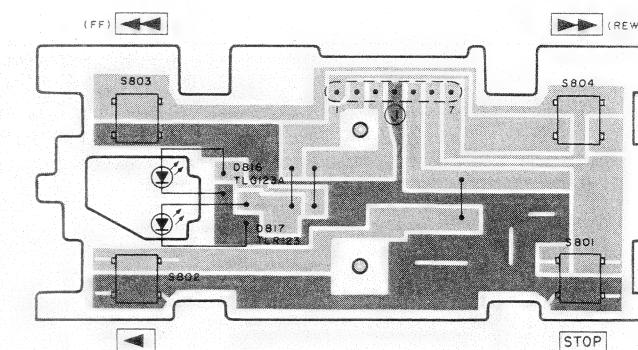
NR LED PCB ASSY (V-430X)



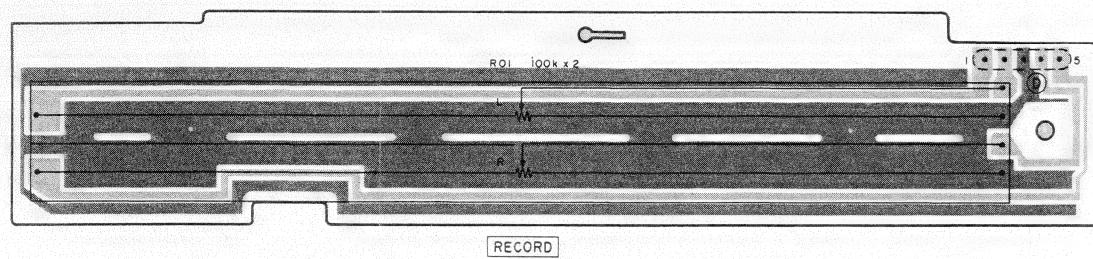
TIMER SWITCH PCB ASSY (V-430X)



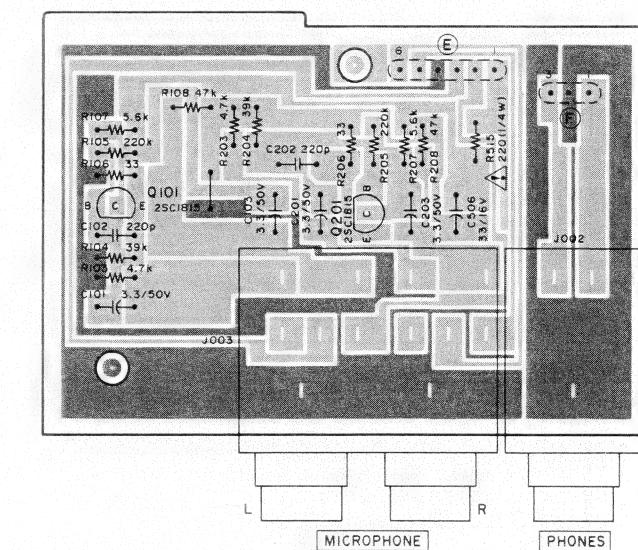
SWITCH PCB ASSY (V-430X)



REC VR PCB ASSY (V-430X)



MIC AMPL. PCB ASSY (V-430X)



Amplifier Section (V-530X)

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------------------|-------------|------------------|
| | *5760770000 | PCB Assy |
| | *5760672400 | PCB |
| MAIN PCB ASSY | | |
| IC's | | |
| U301/U401 | 5760670400 | HA12058NT |
| U351/U451 | 5220013400 | TC4066BP |
| U501 | 5760669800 | TA7639P |
| U502 | 5220020000 | TC4049BP |
| U551 | 5220423100 | AN6291 |
| U552, U703 | 5760669600 | TA75558S |
| U553 | 5220019000 | TC4001BP |
| U701 | 5220021500 | M51143AL-MQS |
| U702 | 5760722900 | TC5067BP |
| TRANSISTORS | | |
| Q102/Q202 | 5232005200 | FET, 2SK246-GR |
| Q103/Q203 | 5232005800 | FET, 2SK117-GR |
| Q104/Q204 | 5760667500 | FET, 2SJ103-GR |
| Q105/Q205 | 5230774900 | 2SC2878-A |
| Q106/Q206 | 5145151000 | 2SC1815NEW-GR |
| Q107/Q207 | 5145151000 | 2SC1815NEW-GR |
| Q108/Q208 | 5145151000 | 2SC1815NEW-GR |
| Q109/Q209 | 5145151000 | 2SC1815NEW-GR |
| Q110/Q210 | 5230777700 | 2SC2120-Y |
| Q111/Q211 | 5230774900 | 2SC2878-A |
| Q301/Q401 | 5145151000 | 2SC1815NEW-GR |
| Q302/Q402 | 5145150000 | 2SA1015-GR |
| Q303/Q403 | 5145151000 | 2SC1815NEW-GR |
| Q351/Q451 | 5145151000 | 2SC1815NEW-GR |
| Q352/Q452 | 5145151000 | 2SC1815NEW-GR |
| Q353/Q453 | 5145151000 | 2SC1815NEW-GR |
| Q354/Q454 | 5145151000 | 2SC1815NEW-GR |
| Q355/Q455 | 5145151000 | 2SC1815NEW-GR |
| Q356/Q456 | 5145150000 | 2SC1815NEW-GR |
| Q501 | 5760667700 | 2SC1627A-Y |
| Q502 | 5760668000 | 2SA966-Y |
| Q503 | 5145150000 | 2SA1015-GR |
| Q504 | 5145151000 | 2SC1815NEW-GR |
| Q551, Q552 | 5145150000 | 2SA1015-GR |
| Q553, Q554 | 5145151000 | 2SC1815NEW-GR |
| Q701 | 5760667500 | FET, 2SJ103-GR |
| Q702/Q703 | 5145151000 | 2SC1815NEW-GR |
| Q704 | 5145150000 | 2SA1015-GR |
| Q705 | 5145151000 | 2SC1815NEW-GR |
| Q706 | 5145150000 | 2SA1015-GR |
| Q707, Q708 | 5145151000 | 2SC1815NEW-GR |
| Q901, Q902 | △5760668100 | 2SC1173-Y, X, JA |
| Q903 | △5760668100 | 2SC1173-Y, X, JA |
| Q904 | △5760667800 | 2SC2236-Y |
| Q905 | 5145151000 | 2SC1815NEW-GR |
| DIODES | | |
| D101/D201 | 5760668300 | 1SS178 (TPA4) |
| D102/D202 | 5760668300 | 1SS178 (TPA4) |
| D103/D203 | 5760668300 | 1SS178 (TPA4) |
| D351/D451 | 5224012920 | 1S2473FT |
| D501, D502 | 5224012920 | 1S2473FT |

Parts marked with * require longer delivery time.

| REF. NO. | PARTS NO. | DESCRIPTION |
|--|-------------|-------------------|
| D551 | 5224540301 | Zener, RD5.1EB2FR |
| D552, D553 | 5224012920 | 1S2473FT |
| D562 | 5224012920 | 1S2473FT |
| D701, D702 | 5224012920 | 1S2473FT |
| D703, D704 | 5224012920 | 1S2473FT |
| D705, D706 | 5224012920 | 1S2473FT |
| D707, D708 | 5224012920 | 1S2473FT |
| D709, D710 | 5224012920 | 1S2473FT |
| D901 | △5760670300 | KBP01 |
| D902 | 5760668300 | 1SS178 (TPA4) |
| D903 | 5224012920 | 1S2473FT |
| D904 | 5224543101 | Zener, RD12EB2FR |
| D905 | 5224540901 | Zener, RD6.2EB2FR |
| CARBON RESISTORS | | |
| All resistors are rated $\pm 5\%$ tolerance and 1/6 watt unless otherwise noted. | | |
| R101/R201 | 5240031420 | 22k Ω |
| R102/R202 | 5240033020 | 100k Ω |
| R110/R210 | 5240177800 | 10M Ω |
| R111/R211 | 5240030620 | 10k Ω |
| R112/R212 | 5240033820 | 220k Ω |
| R113/R213 | 5240034020 | 270k Ω |
| R114/R214 | 5240030820 | 12k Ω |
| R117/R217 | 5240029820 | 4.7k Ω |
| R118/R218 | 5240029620 | 3.9k Ω |
| R119/R219 | 5240033820 | 220k Ω |
| R120/R220 | 5240031420 | 22k Ω |
| R121/R221 | 5240028820 | 1.8k Ω |
| R122/R222 | 5240030620 | 10k Ω |
| R124/R224 | 5240030620 | 10k Ω |
| R125/R225 | 5240031220 | 18k Ω |
| R126/R226 | 5240034220 | 330k Ω |
| R127/R227 | 5240029020 | 2.2k Ω |
| R128/R228 | 5240031420 | 22k Ω |
| R129/R229 | 5240033020 | 100k Ω |
| R130/R230 | 5240031620 | 27k Ω |
| R131/R231 | 5240029420 | 3.3k Ω |
| R132/R232 | 5240026220 | 150 Ω |
| R133/R233 | 5240031020 | 15k Ω |
| R134/R234 | 5240031420 | 22k Ω |
| R135/R235 | 5240030220 | 6.8k Ω |
| R136/R236 | 5240029620 | 3.9 Ω |
| R137/R237 | 5240031420 | 22k Ω |
| R138/R238 | 5240031420 | 22k Ω |
| R139/R239 | 5240030620 | 10k Ω |
| R140/R240 | 5240177800 | 10M Ω |
| R141/R241 | 5240034220 | 330k Ω |
| R143/R243 | 5240031420 | 22k Ω |
| R144/R244 | 5240031820 | 33k Ω |
| R145/R245 | 5240025420 | 68 Ω |
| R148/R248 | 5240027420 | 470 Ω |
| R149/R249 | 5240029220 | 2.7k Ω |
| R150/R250 | 5240028220 | 1k Ω |
| R151/R251 | 5240029820 | 4.7k Ω |
| R152/R252 | 5240031420 | 22k Ω |
| R154/R254 | 5240029420 | 3.3k Ω |
| R301/R401 | 5240033420 | 150k Ω |
| R302/R402 | 5240029420 | 3.3k Ω |
| R303/R403 | 5240029420 | 3.3k Ω |
| R304/R404 | 5240030020 | 5.6k Ω |
| R305/R405 | 5240034220 | 330k Ω |

V-530X/V-430X

| REF. NO. | PARTS NO. | DESCRIPTION |
|-----------|-------------|---------------|
| R306/R406 | 5240031420 | 22kΩ |
| R307/R407 | 5240030620 | 10kΩ |
| R308/R408 | 5240030620 | 10kΩ |
| R309/R409 | 5240030420 | 8.2kΩ 1/4W 2% |
| R310/R410 | 5240029420 | 3.3kΩ 1/4W 2% |
| R311/R411 | 5240031520 | 24kΩ 1/4W |
| R312/R412 | 5240030120 | 6.2kΩ 1/4W |
| R313/R413 | 5240032820 | 82kΩ |
| R314/R414 | 5240036120 | 2MΩ 1/4W |
| R315/R415 | 5240029820 | 4.7kΩ |
| R316/R416 | 5240030620 | 10kΩ |
| R317/R417 | 5240032620 | 68kΩ |
| R318/R418 | 5240027420 | 470Ω |
| R319/R419 | 5240032220 | 47kΩ 1/4W 2% |
| R320/R420 | 5240030120 | 6.2kΩ 1/4W |
| R321/R421 | 5240032820 | 82kΩ |
| R322/R422 | 5240028220 | 1kΩ |
| R323/R423 | 5240029420 | 3.3kΩ |
| R351/R451 | 5240031620 | 27kΩ |
| R352/R452 | 5240029020 | 2.2kΩ |
| R353/R453 | 5240032620 | 68kΩ |
| R354/R454 | 5240032820 | 82kΩ |
| R355/R455 | 5240029420 | 3.3kΩ |
| R356/R456 | 5240031420 | 22kΩ |
| R357/R457 | 5240031420 | 22kΩ |
| R358/R458 | 5240030420 | 8.2kΩ |
| R359/R459 | 5240031820 | 33kΩ |
| R360/R460 | 5240033420 | 150kΩ |
| R361/R461 | 5240033920 | 240kΩ 1/4W |
| R362/R462 | 5240029820 | 4.7kΩ |
| R363/R463 | 5240031820 | 33kΩ |
| R364/R464 | 5240030220 | 6.8kΩ |
| R365/R465 | 5240029420 | 3.3kΩ |
| R366/R466 | 5240029420 | 3.3kΩ |
| R367/R467 | 5240031420 | 22kΩ |
| R368/R468 | 5240031020 | 15kΩ |
| R369/R469 | 5240029820 | 4.7kΩ |
| R370/R470 | 5240028220 | 1kΩ |
| R371/R471 | 5240030620 | 10kΩ |
| R372/R472 | 5240026220 | 150Ω |
| R373/R473 | 5240029820 | 4.7kΩ |
| R374/R474 | 5240031020 | 15kΩ |
| R375/R475 | 5240023420 | 10Ω |
| R376/R476 | 5240033020 | 100kΩ 1/4W |
| R377/R477 | 5240030520 | 9.1kΩ |
| R378/R478 | 5240033220 | 120kΩ |
| R380/R480 | 5240033020 | 100kΩ |
| R381/R481 | 5240033020 | 100kΩ |
| R382/R482 | 5240033020 | 100kΩ |
| R383/R483 | 5240033020 | 100kΩ |
| R384/R484 | 5240033020 | 100kΩ 1/8W |
| R501 | 5240029420 | 3.3kΩ |
| R502 | 5240032220 | 47kΩ |
| R503 | 5240030020 | 5.6kΩ |
| R504 | 5240025420 | 68Ω |
| R505 | △5760674700 | 6.8Ω 1/4W |
| R506 | 5240030620 | 10kΩ |
| R507 | 5240033020 | 100kΩ |
| R508 | 5240029420 | 3.3kΩ |
| R509 | 5240028220 | 1kΩ |

| REF. NO. | PARTS NO. | DESCRIPTION |
|------------|------------|-------------|
| R510 | 5185694000 | 180Ω 1/2W |
| R511 | 5185698000 | 270Ω 1/2W |
| R516, R517 | 5240030620 | 10kΩ |
| R518 | 5240029820 | 4.7kΩ |
| R519 | 5240031420 | 22kΩ |
| R522 | 5240030620 | 10kΩ |
| R551 | 5180070000 | 330Ω 1/2W |
| R553, R554 | 5240030620 | 10kΩ |
| R555 | 5240030620 | 10kΩ |
| R556 | 5240068220 | 1kΩ 1/4W 2% |
| R557, R558 | 5240031420 | 22kΩ |
| R559, R560 | 5240031420 | 22kΩ |
| R561 | 5240029420 | 3.3kΩ |
| R562 | 5240034620 | 470kΩ |
| R563 | 5240030620 | 10kΩ |
| R564 | 5240034620 | 470kΩ |
| R565 | 5240030620 | 10kΩ |
| R566 | 5240028220 | 1kΩ |
| R567 | 5240033020 | 100kΩ |
| R568 | 5240030620 | 10kΩ |
| R569 | 5240032220 | 47kΩ |
| R570 | 5240033020 | 100kΩ |
| R571 | 5240029820 | 4.7kΩ |
| R572 | 5240032220 | 47kΩ |
| R573, R574 | 5240033020 | 100kΩ |
| R575 | 5240030620 | 10kΩ |
| R701 | 5240029820 | 4.7kΩ |
| R702 | 5240033020 | 100kΩ |
| R703 | 5240033820 | 220kΩ |
| R704 | 5240034620 | 470kΩ |
| R705 | 5240033820 | 220kΩ |
| R706 | 5240033420 | 150kΩ |
| R707 | 5240031420 | 22kΩ |
| R708 | 5240031820 | 33kΩ |
| R709 | 5240032220 | 47kΩ |
| R710 | 5240029820 | 4.7kΩ |
| R711 | 5240029420 | 3.3kΩ |
| R712 | 5240033820 | 220kΩ |
| R713, R714 | 5240030620 | 10kΩ |
| R715 | 5240032220 | 47kΩ |
| R716 | 5240031420 | 22kΩ |
| R717 | 5240029820 | 4.7kΩ |
| R718 | 5240032220 | 47kΩ |
| R719 | 5240029420 | 3.3kΩ |
| R720 | 5240033820 | 220kΩ |
| R721 | 5240032220 | 47kΩ |
| R722 | 5240030620 | 10kΩ |
| R723 | 5240033020 | 100kΩ |
| R724, R725 | 5240029820 | 4.7kΩ |
| R726 | 5240033820 | 220kΩ |
| R727 | 5240033020 | 100kΩ |
| R728 | 5240030620 | 10kΩ |
| R729, R730 | 5240031420 | 22kΩ |
| R731 | 5240032220 | 47kΩ |
| R732 | 5240030620 | 10kΩ |
| R733, R734 | 5240035420 | 1MΩ |
| R735 | 5240030620 | 10kΩ |
| R736, R737 | 5240029820 | 4.7kΩ |
| R738 | 5240030620 | 10kΩ |
| R739 | 5240029820 | 4.7kΩ |

| REF. NO. | PARTS NO. | DESCRIPTION |
|-------------------|--------------|-----------------------|
| R740, R741 | 5240030620 | 10kΩ |
| R742 | 5240025820 | 100Ω |
| R743 | 5240026820 | 270Ω |
| R751 | 5240033020 | 100kΩ |
| R776 | 5240027420 | 470Ω |
| R777 | 5240032220 | 47kΩ |
| R901 | △ 5760674400 | 1Ω 1/4W |
| R902 | △ 5180070000 | 330Ω 1/2W |
| R903 | △ 5240025820 | 100Ω |
| R904 | △ 5760674400 | 1Ω 1/4W |
| R905 | △ 5240025820 | 100Ω |
| R906 | △ 5760674500 | 2.2Ω 1/4W |
| R907 | △ 5240027820 | 680Ω 1/4W |
| R908 | △ 5180070000 | 330Ω 1/2W |
| R909 | △ 5760674400 | 1Ω 1/4W |
| R910 | △ 5240027020 | 330Ω |
| R911 | 5240030620 | 10kΩ |
| R912 | 5240028620 | 1.5kΩ |
| R913 | 5240026620 | 220Ω |
| R914 | 5240176200 | 2.2MΩ 1/4W |
| R915 | 5240033020 | 100kΩ 1/4W |
| R916 | 5240030220 | 6.8kΩ 1/4W |
| R917 | 5240027420 | 470Ω 1/4W |
| CAPACITORS | | |
| C104/C204 | 5172220000 | Ceramic 470pF 50V |
| C105/C205 | 5260162550 | Elec. 10μF 16V |
| C106/C206 | 5172216000 | Ceramic 220pF 50V |
| C107/C207 | 5260164250 | Elec. 33μF 16V |
| C108/C208 | 5171856000 | Mylar 0.01μF 50V 5% |
| C109/C209 | 5260164250 | Elec. 33μF 16V |
| C110/C210 | 5171860000 | Mylar 0.015μF 50V 5% |
| C111/C211 | 5170368000 | Mylar 0.0047μF 50V 5% |
| C112/C212 | 5172216000 | Ceramic 220pF 50V |
| C113/C213 | 5260162550 | Elec. 10μF 16V |
| C114/C214 | 5171878000 | Mylar 0.1μF 50V 5% |
| C115/C215 | 5260162550 | Elec. 10μF 16V |
| C116/C216 | 5171856000 | Mylar 0.01μF 50V 5% |
| C117/C217 | 5171856000 | Mylar 0.01μF 50V 5% |
| C118/C218 | 5171856800 | Mylar 0.01μF 100V 5% |
| C119/C219 | 5260160550 | Elec. 0.47μF 50V |
| C120/C220 | 5172224000 | Ceramic 0.001μF 50V |
| C121/C221 | 5260164252 | Elec. 33μF 16V |
| C122/C222 | 5170352800 | Ceramic 470pF 100V |
| C123/C223 | 5172203000 | Ceramic 18pF 50V |
| C124/C224 | 5260160750 | Elec. 1μF 50V |
| C125/C225 | 5172216000 | Ceramic 220pF 50V |
| C126/C226 | 5260160550 | Elec. 0.47μF 50V |
| C301/C401 | 5260160750 | Elec. 1μF 50V |
| C302/C402 | 5172216000 | Mylar 220pF 50V |
| C303/C403 | 5260162550 | Elec. 10μF 16V |
| C304/C404 | 5170364000 | Mylar 0.0033μF 50V 5% |
| C305/C405 | 5260160750 | Elec. 1μF 50V |
| C306/C406 | 5172216000 | Ceramic 220pF 50V |
| C307/C407 | 5263104120 | Poly. 0.033μF 100V 2% |
| C308/C408 | 5171856000 | Mylar 0.01μF 50V 5% |
| C309/C409 | 5171862000 | Mylar 0.018μF 50V 5% |
| C310/C410 | 5260220852 | Elec. 0.33μF 50V |
| C311/C411 | 5260220652 | Elec. 0.15μF 50V |
| C312/C412 | 5260160550 | Elec. 0.47μF 50V |

| REF. NO. | PARTS NO. | DESCRIPTION |
|------------|------------|------------------------|
| C313/C413 | 5260221052 | Elec. 0.68μF 50V |
| C314/C414 | 5260162150 | Elec. 4.7μF 50V |
| C315/C415 | 5172208000 | Ceramic 47pF 50V 5% |
| C316/C416 | 5170370000 | Mylar 0.0056μF 50V 5% |
| C317/C417 | 5173432000 | Ceramic 0.0047μF 50V |
| C318/C418 | 5170374000 | Mylar 0.0082μF 50V 5% |
| C319/C419 | 5260162150 | Elec. 4.7μF 50V |
| C320/C420 | 5263105110 | Poly. 0.082μF 100V 5% |
| C321/C421 | 5260220652 | Elec. 0.15μF 50V |
| C322/C422 | 5260160550 | Elec. 0.47μF 50V |
| C323/C423 | 5260162150 | Elec. 4.7μF 50V |
| C324/C424 | 5260166052 | Elec. 100μF 16V |
| C325/C425 | 5260166852 | Elec. 220μF 10V |
| C326/C426 | 5260162150 | Elec. 4.7μF 50V |
| C351/C451 | 5260162150 | Elec. 4.7μF 50V |
| C352/C452 | 5260210650 | Elec. 0.22μF 50V |
| C353/C453 | 5171878000 | Mylar 0.1μF 50V 5% |
| C354/C454 | 5171878000 | Mylar 0.1μF 50V 5% |
| C355/C455 | 5170364000 | Mylar 0.0033μF 50V 5% |
| C356/C456 | 5170364000 | Mylar 0.0033μF 50V 5% |
| C357/C457 | 5263106620 | Poly. 330pF 50V 5% |
| C358/C458 | 5263107020 | Poly. 470pF 50V 5% |
| C359/C459 | 5260210050 | Elec. 0.68μF 50V |
| C360/C460 | 5171864000 | Mylar 0.022μF 50V 5% |
| C361/C461 | 5260162550 | Elec. 10μF 16V |
| C362/C462 | 5171868000 | Mylar 0.033μF 50V 5% |
| C363/C463 | 5260210850 | Elec. 0.33μF 50V |
| C364/C464 | 5170368000 | Mylar 0.0047μF 50V 5% |
| C365/C465 | 5260165952 | Elec. 100μF 10V |
| C366/C466 | 5263106820 | Poly. 390pF 50V 5% |
| C367/C467 | 5171864000 | Mylar 0.022μF 50V 5% |
| C368/C468 | 5260162550 | Elec. 10μF 16V |
| C369/C469 | 5260161150 | Elec. 2.2μF 50V |
| C370/C470 | 5172201000 | Ceramic 12pF 50V 5% |
| C371/C471 | 5260162550 | Elec. 10μF 16V |
| C372/C472 | 5260162550 | Elec. 10μF 16V |
| C373/C473 | 5260162550 | Elec. 10μF 16V |
| C501 | 5260162150 | Elec. 4.7μF 50V |
| C502, C503 | 5171856000 | Mylar 0.01μF 50V 5% |
| C504 | 5260166052 | Elec. 100μF 16V |
| C505 | 5263101720 | Poly. 0.0033μF 100V 5% |
| C507, C508 | 5173435000 | Ceramic 0.047μF 50V |
| C509 | 5173054800 | Elec. 220μF 16V |
| C510 | 5260164252 | Elec. 33μF 16V |
| C511 | 5260165952 | Elec. 100μF 10V |
| C513 | 5173435000 | Ceramic 0.0047μF 50V |
| C514 | 5260166052 | Elec. 100μF 16V |
| C551 | 5173063000 | Elec. 330μF 10V |
| C552 | 5260162550 | Elec. 10μF 16V |
| C553 | 5260160750 | Elec. 1μF 50V |
| C554 | 5260162550 | Elec. 10μF 16V |
| C555, C556 | 5260160750 | Elec. 1μF 50V |
| C557, C558 | 5173435000 | Ceramic 0.047μF 50V |
| C559 | 5260165952 | Elec. 100μF 10V |
| C701 | 5173432000 | Ceramic 0.0047μF 50V |
| C702 | 5260160750 | Elec. 1μF 50V |
| C703 | 5263166723 | Mylar 0.01μF 25V |
| C704, C705 | 5173435000 | Ceramic 0.047μF 50V |
| C706 | 5260160550 | Elec. 0.47μF 50V |
| C707 | 5260160750 | Elec. 1μF 50V |

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| REF. NO. | PARTS NO. | DESCRIPTION | | | |
|--|--------------|-----------------|--------|-----|------|
| C708 | 5260160550 | Elec. | 0.47=F | 50V | |
| C709 | 5260160750 | Elec. | 1μF | 50V | |
| C710, C711 | 5260165952 | Elec. | 100μF | 10V | |
| C712 | 5260162550 | Elec. | 10μF | 16V | |
| C713 | 5172200000 | Ceramic | 10pF | 50V | 0.5% |
| C751, C752 | 5260164252 | Elec. | 33μF | 16V | |
| C901 | 5173094000 | Elec. | 3300μF | 25V | |
| C902, C903 | 5173072000 | Elec. | 470μF | 16V | |
| C904 | 5173072000 | Elec. | 470μF | 16V | |
| C905 | 5260166052 | Elec. | 100μF | 16V | |
| C906 | 5260165952 | Elec. | 100μF | 16V | |
| C907 | 5260164252 | Elec. | 33μF | 16V | |
| C908 | 5260165952 | Elec. | 100μF | 16V | |
| C909, C910 | 5260162150 | Elec. | 4.7μF | 50V | |
| C911, C950 | 5260164252 | Elec. | 33μF | 16V | |
| VARIABLE RESISTORS | | | | | |
| R116/R216 | 5280020500 | Semi-fixed, | 47Ω | (B) | |
| R123/R223 | 5280021700 | Semi-fixed, | 47kΩ | (B) | |
| R142/R242 | 5280022200 | Semi-fixed, | 330kΩ | (B) | |
| R153/R253 | 5280021300 | Semi-fixed, | 10kΩ | (B) | |
| R552 | 5280021000 | Semi-fixed, | 3.3kΩ | (B) | |
| COILS | | | | | |
| L101/L201 | 5760674200 | Choke, 6.8mH | | | |
| L501 | 5760674300 | Bias OSC | | | |
| Z101/Z201 | 5760670600 | Bias Trap | | | |
| CONNECTORS | | | | | |
| 5760671200 | 7P | | | | |
| 5760671200 | Socket, Jump | | | | |
| 5760670600 | Socket, Jump | | | | |
| 5760671800 | Socket, Jump | | | | |
| MISCELLANEOUS | | | | | |
| Z301/Z401 | 5760670700 | Filter, Dolby C | | | |
| Z302/Z402 | 5760670800 | Filter, Dolby | | | |
| J001 | 5760672100 | Jack, US-4P | | | |
| MIC AMPL. PCB ASSY | | | | | |
| TRANSISTORS | | | | | |
| Q101/Q201 | 5230770400 | 2SC1815NEW-BL | | | |
| CARBON RESISTORS | | | | | |
| All resistors are rated ±5% tolerance and 1/6 watt unless otherwise noted. | | | | | |
| R200 | 5240026620 | 220Ω | 1/4W | | |
| R103/R203 | 5240029820 | 4.7kΩ | | | |
| R104/R204 | 5240032020 | 39kΩ | | | |
| R105/R205 | 5240033820 | 220kΩ | | | |
| R106/R206 | 5240024620 | 33Ω | | | |
| R107/R207 | 5240030020 | 5.6kΩ | | | |
| R108/R208 | 5240032220 | 47kΩ | | | |

| REF. NO. | PARTS NO. | DESCRIPTION | | | |
|---|------------|---------------------------------|-------|-----|--|
| CAPACITORS | | | | | |
| C101/C201 | 5260161550 | Elec. | 3.3μF | 50V | |
| C102/C202 | 5172216000 | Ceramic | 220pF | 50V | |
| C103/C203 | 5260161550 | Elec. | 3.3μF | 50V | |
| C506 | 5260164252 | Elec. | 33μF | 16V | |
| MISCELLANEOUS | | | | | |
| J002 | 5760673400 | Jack, PHONES | | | |
| J003 | 5760673300 | Jack, MIC x 2 | | | |
| NR SWITCH PCB ASSY | | | | | |
| DIODES | | | | | |
| D554, D555 | 5224012920 | 1S2473FT | | | |
| D556, D557 | 5224012920 | 1S2473FT | | | |
| RESISTORS | | | | | |
| All resistors are rated ±5% tolerance and 1/6 watt. | | | | | |
| R520 | 5240030620 | 10kΩ | | | |
| R521 | 5240030820 | 12kΩ | | | |
| R576 | 5240030220 | 6.8kΩ | | | |
| CAPACITOR | | | | | |
| C512 | 5260162550 | Elec. | 10μF | 16V | |
| MISCELLANEOUS | | | | | |
| S001 ~ S005 | 5760672800 | Switch, Push | | | |
| NR LED PCB ASSY | | | | | |
| DIODES | | | | | |
| D503, D504 | 5760668800 | LED, TLR205 | | | |
| D505 | 5760668800 | LED, TLR205 | | | |
| D558, D559 | 5760669000 | LED, TLG205-F | | | |
| D560, D561 | 5760669000 | LED, TLG205-F | | | |
| RESISTORS | | | | | |
| All resistors are rated ±5% tolerance and 1/6 watt. | | | | | |
| R512, R513 | 5240028620 | 1.5kΩ | | | |
| R514 | 5240028620 | 1.5kΩ | | | |
| R577, R578 | 5240028020 | 820Ω | | | |
| R579, R580 | 5240028020 | 820Ω | | | |
| REC VR PCB ASSY | | | | | |
| R109/R209 | 5760725000 | Var. Res., Slide; 100kΩ (B) x 2 | | | |
| R10 | 5760724200 | Var. Res., Slide; 20kΩ (B) | | | |
| OUTPUT VR PCB ASSY | | | | | |
| R02 | 5760725100 | Var. Res., 10kΩ (A) x 2 | | | |
| SWITCH & LED PCB ASSY | | | | | |
| D820, D821 | 5760668800 | LED, TLR205 | | | |
| S801, S802 | 5760672600 | Switch, Key | | | |
| S803 | 5760672600 | Switch, Key | | | |
| TIMER SWITCH PCB ASSY | | | | | |
| S808 | 5760673000 | Switch, Slide | | | |

Control Section (V-530X)

| REF. NO. | PARTS NO. | DESCRIPTION |
|---|-------------|----------------|
| | *5760770100 | PCB ASSY |
| | *5760672500 | PCB |
| LOGIC PCB ASSY | | |
| | | IC's |
| U801 | 5760669900 | TC9310N-060 |
| U802 | 5760670500 | LM6402H-431 |
| U803 | 5220019700 | LC7800 |
| U804 | 5220020000 | TC4049BP |
| U805 | 5760669200 | TD62305P |
| U806 | 5760669300 | TD62703P |
| U807 | 5760669500 | TA7354P |
| U809 | 5220019000 | TC4001BP |
| U810 | 5760670100 | TC4516BP |
| TRANSISTORS | | |
| Q801 | 5145143000 | 2SC1959-Y |
| Q802 | 5145143000 | 2SC1959-Y |
| Q803 | 5197060000 | 2SC1627-Y |
| Q804 | 5145151000 | 2SC1815NEW-GR |
| Q805 | 5145150000 | 2SA1015-GR |
| Q806 | 5760668200 | 2SD1140 |
| Q807 | 5145151000 | 2SC1815NEW-GR |
| Q808, Q809 | 5145150000 | 2SA1015-GR |
| Q810 | 5145150000 | 2SA1015-GR |
| Q811, Q812 | 5145151000 | 2SC1815NEW-GR |
| Q813, Q814 | 5145150000 | 2SA1015-GR |
| Q815 | 5145151000 | 2SC1815NEW-GR |
| Q816 | 5760667900 | 2SA562TM-Y |
| Q817 | 5145151000 | 2SC1815NEW-GR |
| DIODES | | |
| D801 | 5760668600 | S5277B |
| D802, D803 | 5224012920 | 1S2473FT |
| D804, D805 | 5224012920 | 1S2473FT |
| D806, D807 | 5224012920 | 1S2473FT |
| D808, D809 | 5224012920 | 1S2473FT |
| D810, D811 | 5224012920 | 1S2473FT |
| D812, D813 | 5224012920 | 1S2473FT |
| D814, D815 | 5224012920 | 1S2473FT |
| D816 | 5224012920 | 1S2473FT |
| D817 | 5760668500 | 1S1555V, LB-10 |
| RESISTORS | | |
| All resistors are rated $\pm 5\%$ tolerance, 1/6 watt and are carbon type unless otherwise noted. | | |
| R801 | 5760723300 | 150 Ω |
| R802, R803 | 5240029020 | 2.2k Ω |
| R804 | 5760674600 | 33 Ω |
| R805 | 5181464000 | 180 Ω |
| R806 | 5240026420 | 180 Ω |
| R807 | 5240029820 | 4.7k Ω |
| R808 | 5240027820 | 680 Ω |
| R809, R810 | 5240032220 | 47k Ω |
| R811 | 5240033820 | 220k Ω |
| R812 | 5240031620 | 27k Ω |
| R815, R816 | 5240031420 | 22k Ω |
| R817 | 5240032020 | 39k Ω |
| R818 | 5240033020 | 100k Ω |
| R819 | 5240032220 | 47k Ω |
| R820 | 5240033820 | 220k Ω |

Parts marked with * require longer delivery time.

| REF NO. | PARTS NO. | DESCRIPTION |
|-------------------|------------|---------------|
| R821 | 5240071720 | 30k Ω |
| R822 | 5240033420 | 150k Ω |
| R823 | 5240029020 | 2.2k Ω |
| R824 | 5240029820 | 4.7k Ω |
| R825 | 5240031420 | 22k Ω |
| R826 | 5240033020 | 100k Ω |
| R827, R828 | 5240030620 | 10k Ω |
| R829 | 5240030620 | 10k Ω |
| R830 | 5240029820 | 4.7k Ω |
| R831, R832 | 5240034620 | 470 Ω |
| R833 | 5240026820 | 270 Ω |
| R834 | 5240026620 | 220 Ω |
| R835 | 5240025820 | 100 Ω |
| R836 | 5240031620 | 22k Ω |
| R837 | 5240029820 | 4.7k Ω |
| R838, R839 | 5240030620 | 10k Ω |
| R840 | 5240035420 | 1M Ω |
| R841 | 5240030620 | 10k Ω |
| R842 | 5240032220 | 47k Ω |
| R843 | 5240035420 | 1M Ω |
| R844 | 5240030620 | 10k Ω |
| R845 | 5240032220 | 47k Ω |
| R846 | 5240031420 | 22k Ω |
| R847, R848 | 5240028620 | 1.5k Ω |
| R849, R850 | 5240027420 | 470 Ω |
| R851, R852 | 5240027420 | 470 Ω |
| R853, R854 | 5240027420 | 470 Ω |
| R855 | 5240027420 | 470 Ω |
| R856 | 5240028620 | 1.5k Ω |
| R857 | 5240033020 | 100k Ω |
| R858 | 5240028220 | 1k Ω |
| R859 | 5240032620 | 68k Ω |
| R860 | 5240032220 | 47k Ω |
| R861 | 5240033020 | 100k Ω |
| R862 | 5240033820 | 220k Ω |
| R863 | 5240028220 | 1k Ω |
| R864 | 5240032620 | 68k Ω |
| R865 | 5240030620 | 10k Ω |
| R866 | 5240029420 | 3.3k Ω |
| R867 | 5240028220 | 1k Ω |
| R868 | 5240029020 | 2.2k Ω |
| R869, R870 | 5240030620 | 10k Ω |
| R871 | 5240033020 | 100k Ω |
| R872 | 5240030620 | 10k Ω |
| R873 | 5240033020 | 100k Ω |
| R875 | 5240030620 | 10k Ω |
| R891, R892 | 5240028620 | 1.5k Ω |
| R893 | 5240028220 | 1k Ω |
| CAPACITORS | | |
| C801 | 5170370800 | Mylar |
| C802, C803 | 5173435000 | Ceramic |
| C804 | 5260160752 | Elec. |
| C805 | 5260161552 | Elec. |
| C806 | 5260162152 | Elec. |
| C807 | 5173433000 | Ceramic |
| C808 | 5260160550 | Elec. |
| C809 | 5173435000 | Ceramic |
| C810 | 5173433000 | Ceramic |
| C811, C812 | 5172216000 | Ceramic |

V-530X/V-430X

| REF NO. | PARTS NO. | DESCRIPTION |
|------------------------|------------|--------------------------|
| C813 | 5173433000 | Ceramic 0.01μF 50V |
| C814 | 5173071800 | Elec. 470μF 10V |
| C815 | 5173072800 | Elec. 470μF 16V |
| C816, C817 | 5260161552 | Elec. 3.3μF 50V |
| C818 | 5260161552 | Elec. 3.3μF 50V |
| C819 | 5172224000 | Ceramic 0.001μF |
| C820, C821 | 5260160752 | Elec. 1μF 50V |
| C822 | 5260162152 | Elec. 4.7μF 50V |
| C823 | 5172212000 | Ceramic 100pF 50V |
| C824 | 5172220000 | Ceramic 470pF 50V |
| C825 | 5260161552 | Elec. 3.3μF 50V |
| CONNECTORS | | |
| P801 | 5760671700 | Socket, Jump; 8P |
| P802 | 5760671400 | Socket, Jump; 5P |
| P804 | 5760671200 | Socket, Jump; 3P |
| P805 | 5760671900 | Socket, Jump; 10P |
| P806 | 5760671300 | Socket, Jump; 4P |
| P807 | 5760671400 | Socket, Jump; 5P |
| P808 | 5760671500 | Socket, Jump; 6P |
| P809 | 5760671200 | Socket, Jump; 3P |
| P810 | 5760671600 | Socket, Jump; 7P |
| P811 | 5760671500 | Socket, Jump; 6P |
| P812 | 5760671600 | Socket, Jump; 7P |
| P813 | 5760671500 | Socket, Jump; 6P |
| MISCELLANEOUS | | |
| Z801 | 5760670900 | X'tal, CSB800 |
| U808 | 5760723200 | Resistor Array, 10kΩ x 4 |
| SWITCH PCB ASSY | | |
| DIODES | | |
| D822 | 5760668900 | LED, TLG123A-F-E/F |
| D823 | 5760668700 | LED, TLR123 |
| D824, D825 | 5760668800 | LED, TLR205 |
| D826 | 5760669100 | TLG4125, Tape Counter |
| RESISTORS | | |
| R890 | 5240025820 | 100Ω |
| R891, R892 | 5240028620 | 1.5kΩ |
| MISCELLANEOUS | | |
| S804, S805 | 5760672600 | Switch, Key |
| S806, S807 | 5760672600 | Switch, Key |
| S808, S809 | 5760672600 | Switch, Key |
| S810, S811 | 5760672600 | Switch, Key |
| S812 | 5760662600 | Switch, Key |

Amplifier/Control (V-430X)

| REF. NO. | PARTS NO. | DESCRIPTION |
|-----------------------|--------------|------------------|
| | *5760770010 | PCB Assy |
| | *5760672300 | PCB |
| MAIN PCB ASS'Y | | |
| IC's | | |
| U301/U401 | 5760669700 | TA7629P |
| U302 | 5760670000 | TC4016BP |
| U351/U451 | 5220013400 | TC4066BP |
| U501 | 5760669800 | TA7639P |
| U502 | 5220020000 | TC4049BP |
| U551 | 5220423100 | AN6291 |
| U552 | 5760669600 | TA75558S |
| U553 | 5220019000 | TC4001BP |
| U701 | 5760669400 | TA7341P |
| U702 | 5760722900 | TC5067BP |
| U801 | 5760669900 | TC9310N-060 |
| U802 | 5760669500 | TA7354P |
| TRANSISTORS | | |
| Q102/Q202 | 5232005200 | FET, 2SK246-GR |
| Q103/Q203 | 5232005200 | FET, 2SK246-GR |
| Q104/Q204 | 5760667500 | FET, 2SJ103-GR |
| Q105/Q205 | 5230774900 | 2SC2878-A |
| Q106/Q206 | 5145151000 | 2SC1815NEW-GR |
| Q107/Q207 | 5145151000 | 2SC1815NEW-GR |
| Q108/Q208 | 5145151000 | 2SC1815NEW-GR |
| Q109/Q209 | 5145151000 | 2SC1815NEW-GR |
| Q110/Q210 | 5230774900 | 2SC2878-A |
| Q111/Q211 | 5230777700 | 2SC2120-Y |
| Q301/Q402 | 5145150000 | 2SA1015-GR |
| Q351/Q451 | 5145151000 | 2SC1815NEW-GR |
| Q352/Q452 | 5145151000 | 2SC1815NEW-GR |
| Q353/Q453 | 5145151000 | 2SC1815NEW-GR |
| Q354/Q454 | 5145151000 | 2SC1815NEW-GR |
| Q355/Q455 | 5145151000 | 2SC1815NEW-GR |
| Q356/Q456 | 5145150000 | 2SC1815NEW-GR |
| Q501 | 5760667700 | 2SC1627A-Y |
| Q502 | 5760668000 | 2SA966-Y |
| Q503 | 5145150000 | 2SA1015-GR |
| Q551/Q552 | 5145150000 | 2SA1015-GR |
| Q553/Q554 | 5145151000 | 2SC1815NEW-GR |
| Q701 | 5145151000 | 2SC1815NEW-GR |
| Q702 | 5145151000 | 2SC1815NEW-GR |
| Q703 | 5145150000 | 2SA1015-GR |
| Q704 | 5145150000 | 2SA1015-GR |
| Q705 | 5145151000 | 2SC1815NEW-GR |
| Q706 | 5145150000 | 2SA1015-GR |
| Q707/Q708 | 5145151000 | 2SC1815NEW-GR |
| Q709 | 5145151000 | 2SC1815NEW-GR |
| Q801 | 5042352000 | 2SA562TM-Y |
| Q802, Q803 | 5145151000 | 2SC1815NEW-GR |
| Q804, Q805 | 5145150000 | 2SA1015-GR |
| Q806 | 5145150000 | 2SA1015-GR |
| Q807 | 5145143000 | 2SC1959NEW-Y |
| Q808 | 5145151000 | 2SC1815NEW-GR |
| Q809 | 5760667700 | 2SC1627A-Y |
| Q810 | 5145143000 | 2SC1959NEW-Y |
| Q811, Q812 | 5145151000 | 2SC1815NEW-GR |
| Q901, Q902 | △ 5760668100 | 2SC1173-Y, X, JA |
| Q903 | △ 5760667800 | 2SC2236-Y |
| Q904 | 5760667700 | 2SA1627A-Y |

| REF. NO. | PARTS NO. | DESCRIPTION |
|--|--------------|-------------------|
| DIODES | | |
| D101/D201 | 5760668400 | 1S1553V |
| D102/D202 | 5760668300 | 1SS178 (TPA4) |
| D103/D203 | 5760668300 | 1SS178 (TPA4) |
| D351/D451 | 5224012920 | 1S2473FT |
| D501, D502 | 5224012920 | 1S2473FT |
| D551 | 5224540301 | Zener, RD5.1EB2FR |
| D552, D553 | 5224012920 | 1S2473FT |
| D562 | 5224012920 | 1S2473FT |
| D701, D702 | 5224012920 | 1S2473FT |
| D703, D704 | 5224012920 | 1S2473FT |
| D706 | 5224012920 | 1S2473FT |
| D707, D708 | 5224012920 | 1S2473FT |
| D709, D710 | 5224012920 | 1S2473FT |
| D801, D802 | 5224012920 | 1S2473FT |
| D804, D805 | 5224012920 | 1S2473FT |
| D806 | 5224012600 | S5277 |
| D807, D808 | 5224012920 | 1S2473FT |
| D810, D811 | 5224012920 | 1S2473FT |
| D812 | 5224012920 | 1S2473FT |
| D901 | △ 5760670300 | KBP01 |
| D902 | △ 5760668300 | 1SS178 (TPA4) |
| D903 | 5224012920 | 1S2473FT |
| D904 | 5224543101 | Zener, RD12EB2FR |
| D905 | 5224540901 | Zener, RD6.2EB2FR |
| CARBON RESISTORS | | |
| All resistors are rated ±5% tolerance and 1/6 watt unless otherwise noted. | | |
| R101/R201 | 5240031620 | 27kΩ |
| R102/R202 | 5240032220 | 47kΩ |
| R110/R210 | 5240177800 | 10MΩ |
| R111/R211 | 5240030620 | 10kΩ |
| R112/R212 | 5240033820 | 220kΩ |
| R113/R213 | 5240034020 | 270kΩ |
| R114/R214 | 5240030820 | 12kΩ |
| R115/R215 | 5240028620 | 1.5kΩ |
| R117/R217 | 5240029820 | 4.7kΩ |
| R118/R218 | 5240029820 | 4.7kΩ |
| R119/R219 | 5240033820 | 220kΩ |
| R120/R220 | 5240031420 | 22kΩ |
| R121/R221 | 5240031420 | 22kΩ |
| R122/R222 | 5240030620 | 10kΩ |
| R124/R224 | 5240030620 | 10kΩ |
| R125/R225 | 5240031220 | 18kΩ |
| R126/R226 | 5240033820 | 220kΩ |
| R127/R227 | 5240028820 | 1.8kΩ |
| R128/R228 | 5240031820 | 33kΩ |
| R129/R229 | 5240033020 | 100kΩ |
| R130/R230 | 5240031620 | 27kΩ |
| R131/R231 | 5240029420 | 3.3kΩ |
| R132/R232 | 5240025820 | 100Ω |
| R133/R233 | 5240031020 | 15kΩ |
| R134/R234 | 5240031420 | 22kΩ |
| R135/R235 | 5240030220 | 6.8kΩ |
| R136/R236 | 5240030820 | 12kΩ |
| R137/R237 | 5240031420 | 22kΩ |
| R138/R238 | 5240031420 | 22kΩ |
| R139/R239 | 5240030620 | 10kΩ |

Parts marked with * require longer delivery time.

V-530X/V-430X

| REF. NO. | PARTS NO. | DESCRIPTION | | |
|-----------|------------|-------------|------|----|
| R140/R240 | 5240177800 | 10MΩ | 1/4W | 5% |
| R141/R241 | 5240034220 | 330kΩ | | |
| R143/R243 | 5240031420 | 22kΩ | | |
| R144/R244 | 5240031820 | 33kΩ | | |
| R145/R245 | 5240025420 | 68Ω | | |
| R146/R246 | 5240029420 | 3.3kΩ | | |
| R148/R248 | 5240027420 | 470Ω | | |
| R149/R249 | 5240029820 | 4.7kΩ | | |
| R150/R250 | 5240028220 | 1kΩ | | |
| R151/R251 | 5240029020 | 2.2kΩ | | |
| R152/R252 | 5240032020 | 39kΩ | | |
| R301/R401 | 5240032220 | 47kΩ | | |
| R302/R402 | 5240031020 | 15kΩ | | |
| R303/R403 | 5240033820 | 220kΩ | | |
| R305/R405 | 5240034220 | 330kΩ | | |
| R306/R406 | 5240031420 | 22kΩ | | |
| R307/R407 | 5240026420 | 180Ω | | |
| R308/R408 | 5240032220 | 47kΩ | | |
| R309/R409 | 5240029420 | 3.3kΩ | | |
| R310/R410 | 5240028220 | 1kΩ | | |
| R311/R411 | 5240033420 | 150kΩ | | |
| R312/R412 | 5240034020 | 270kΩ | | |
| R314/R414 | 5240031020 | 15kΩ | | |
| R351/R451 | 5240031620 | 27kΩ | | |
| R352/R452 | 5240029020 | 2.2kΩ | | |
| R353/R453 | 5240032620 | 68kΩ | | |
| R354/R454 | 5240032820 | 82kΩ | | |
| R355/R455 | 5240029420 | 3.3kΩ | | |
| R356/R456 | 5240031420 | 22kΩ | | |
| R357/R457 | 5240031420 | 22kΩ | | |
| R358/R458 | 5240030420 | 8.2kΩ | | |
| R359/R459 | 5240031820 | 33kΩ | | |
| R360/R460 | 5240033420 | 150kΩ | | |
| R361/R461 | 5240033920 | 240kΩ | 1/4W | |
| R362/R462 | 5240039820 | 4.7kΩ | | |
| R363/R463 | 5240031820 | 33kΩ | | |
| R364/R464 | 5240030220 | 6.8kΩ | | |
| R365/R465 | 5240029420 | 3.3kΩ | | |
| R366/R466 | 5240029420 | 3.3kΩ | | |
| R367/R467 | 5240031420 | 22kΩ | | |
| R368/R468 | 5240031020 | 15kΩ | | |
| R369/R469 | 5240029820 | 4.7kΩ | | |
| R370/R470 | 5240028220 | 1kΩ | | |
| R371/R471 | 5240030620 | 10kΩ | | |
| R372/R472 | 5240026220 | 150Ω | | |
| R373/R473 | 5240029820 | 4.7kΩ | | |
| R374/R474 | 5240031020 | 15kΩ | | |
| R375/R475 | 5240023420 | 10Ω | | |
| R376/R476 | 5240033020 | 100kΩ | | |
| R377/R477 | 5240030520 | 9.1kΩ | 1/4W | |
| R378/R478 | 5240033220 | 120kΩ | | |
| R380/R480 | 5240033020 | 100kΩ | | |
| R381/R481 | 5240033020 | 100kΩ | | |
| R382/R482 | 5240033020 | 100kΩ | | |
| R383/R483 | 5240033020 | 100kΩ | | |
| R384/R484 | 5240033020 | 100kΩ | | |
| R501 | 5240029420 | 3.3kΩ | 1/8W | |
| R502 | 5240032220 | 47kΩ | | |
| R503 | 5240030020 | 5.6kΩ | | |
| R504 | 5240025420 | 68Ω | | |

| REF. NO. | PARTS NO. | DESCRIPTION | | |
|------------|--------------|-------------|------|----|
| R505 | △ 5760674700 | 6.8Ω | 1/4W | |
| R506 | 5240030620 | 10kΩ | | |
| R507 | 5240033020 | 100kΩ | | |
| R508 | 5240029420 | 3.3kΩ | | |
| R509 | 5240028220 | 1kΩ | | |
| R510 | 5185694000 | 180Ω | 1/2W | |
| R511 | 5185698000 | 270Ω | 1/2W | |
| R516, R517 | 5240030620 | 10kΩ | | |
| R521 | 5240030620 | 10kΩ | | |
| R522 | 5240030620 | 10kΩ | | |
| R551 | 5180070000 | 330Ω | 1/2W | |
| R553, R554 | 5240030620 | 10kΩ | | |
| R555 | 5240030620 | 10kΩ | | |
| R556 | 5240068220 | 1kΩ | 1/4W | 2% |
| R557, R558 | 5240031420 | 22kΩ | | |
| R559, R560 | 5240031420 | 22kΩ | | |
| R561 | 5240029420 | 3.3kΩ | | |
| R562 | 5240034620 | 470kΩ | | |
| R563 | 5240030620 | 10kΩ | | |
| R564 | 5240034620 | 470kΩ | | |
| R565 | 5240030620 | 10kΩ | | |
| R566 | 5240028220 | 1kΩ | | |
| R567 | 5240033020 | 100kΩ | | |
| R568 | 5240030620 | 10kΩ | | |
| R569 | 5240032220 | 47kΩ | | |
| R570 | 5240033020 | 100kΩ | | |
| R571 | 5240029820 | 4.7kΩ | | |
| R572 | 5240032220 | 47kΩ | | |
| R573, R574 | 5240033020 | 100kΩ | | |
| R575 | 5240030620 | 10kΩ | | |
| R577, R578 | 5240028020 | 820Ω | | |
| R583, R584 | 5240033020 | 100kΩ | | |
| R585 | 5240033020 | 100kΩ | | |
| R586, R587 | 5240028220 | 1kΩ | | |
| R701 | 5240032220 | 47kΩ | | |
| R702 | 5240031020 | 15kΩ | | |
| R704 | 5240030620 | 10kΩ | | |
| R705 | 5240030820 | 12kΩ | | |
| R706 | 5240031220 | 18kΩ | | |
| R707 | 5240033020 | 100kΩ | | |
| R708 | 5240028220 | 1kΩ | | |
| R709 | 5240030620 | 10kΩ | | |
| R710 | 5240032620 | 68kΩ | | |
| R711 | 5240029420 | 3.3kΩ | | |
| R712 | 5240033820 | 220kΩ | | |
| R713, R714 | 5240030620 | 10kΩ | | |
| R715 | 5240032220 | 47kΩ | | |
| R716 | 5240031420 | 22kΩ | | |
| R717 | 5240032220 | 47kΩ | | |
| R718 | 5240032220 | 47kΩ | | |
| R719 | 5240029420 | 3.3kΩ | | |
| R720 | 5240033820 | 220kΩ | | |
| R721 | 5240032220 | 47kΩ | | |
| R722 | 5240030620 | 10kΩ | | |
| R723 | 5240033020 | 100kΩ | | |
| R724, R725 | 5240032220 | 47kΩ | | |
| R726 | 5240033820 | 220kΩ | | |
| R727 | 5240033020 | 100kΩ | | |
| R728 | 5240030620 | 10kΩ | | |
| R729, R730 | 5240031420 | 22kΩ | | |

| REF. NO. | PARTS NO. | DESCRIPTION | |
|------------|--------------|-------------|------|
| R731 | 5240030620 | 10kΩ | |
| R733, R734 | 5240035420 | 1MΩ | |
| R736, R737 | 5240029820 | 4.7kΩ | |
| R738 | 5240029820 | 4.7kΩ | |
| R739 | 5240032220 | 47kΩ | |
| R740 | 5240030820 | 12kΩ | |
| R741 | 5240033020 | 100kΩ | |
| R742 | 5240032220 | 47kΩ | |
| R743 | 5240032620 | 68kΩ | |
| R744 | 5240033020 | 100kΩ | |
| R750 | 5240032220 | 47kΩ | |
| R751 | 5240028220 | 1kΩ | |
| R752 | 5240032220 | 47kΩ | |
| R753 | 5240028220 | 1kΩ | |
| R801 | 5240071720 | 30kΩ | 2% |
| R802 | 5240031420 | 22kΩ | |
| R803 | 5240032220 | 47kΩ | |
| R804 | 5240033020 | 100kΩ | |
| R805, R806 | 5240029020 | 2.2kΩ | |
| R807 | 5240029020 | 2.2kΩ | |
| R808 | 5240032220 | 47kΩ | |
| R809 | 5240033820 | 220kΩ | |
| R810 | 5240031420 | 22kΩ | |
| R811 | 5240030620 | 10kΩ | |
| R812 | 5240176200 | 2.2MΩ | 1/4W |
| R813 | 5240029220 | 2.7kΩ | |
| R814 | 5240032220 | 47kΩ | |
| R815 | 5240026820 | 270Ω | |
| R816, R817 | 5240027420 | 470Ω | |
| R818 | 5240026620 | 220Ω | |
| R819 | 5240029020 | 2.2kΩ | |
| R820 | 5240031420 | 22kΩ | |
| R821 | 5240027220 | 390Ω | |
| R822 | 5240029820 | 4.7kΩ | |
| R823 | 5240027020 | 330Ω | |
| R824 | △ 5760674600 | 33Ω | 1/4W |
| R825 | 5240030620 | 10kΩ | |
| R826 | 5180062000 | 150Ω | 1/2W |
| R827 | 5240027420 | 470Ω | |
| R828, R829 | 5240030620 | 10kΩ | |
| R832 | 5240029420 | 3.3kΩ | |
| R833 | 5340030620 | 10kΩ | |
| R834 | 5240031020 | 15kΩ | |
| R901 | △ 5760674500 | 2.2Ω | 1/4W |
| R902 | △ 5185700000 | 330Ω | 1/2W |
| R903 | △ 5240026020 | 120Ω | |
| R904 | △ 5760674500 | 2.2Ω | 1/4W |
| R905 | △ 5240026820 | 270Ω | |
| R906 | 5240030620 | 10kΩ | |
| R907 | △ 5181470000 | 330Ω | 1/4W |
| R908 | △ 5760674600 | 33Ω | 1/4W |
| R909 | 5240029020 | 2.2kΩ | |
| R910 | 5240026620 | 220Ω | |
| R911 | 5240028820 | 1.8kΩ | |
| R912 | 5240026620 | 220Ω | |
| R913 | 5240176200 | 2.2MΩ | 1/4W |
| R914 | 5240030620 | 10kΩ | |

| REF. NO. | PARTS NO. | DESCRIPTION | |
|-------------------|------------|-------------|-----------------|
| CAPACITORS | | | |
| C104/C204 | 5172220000 | Ceramic | 470pF 50V |
| C105/C205 | 5260162550 | Elec. | 10μF 16V |
| C106/C206 | 5172216000 | Ceramic | 220pF 50V |
| C107/C207 | 5260165252 | Elec. | 47μF 25V |
| C108/C208 | 5171856000 | Mylar | 0.01μF 50V 5% |
| C109/C209 | 5260126550 | Elec. | 10μF 16V |
| C110/C210 | 5171860000 | Mylar | 0.015μF 50V 5% |
| C111/C211 | 5170368000 | Mylar | 0.0047μF 50V 5% |
| C112/C212 | 5172216000 | Ceramic | 220pF 50V |
| C113/C213 | 5260162550 | Elec. | 10μF 16V |
| C114/C214 | 5171878000 | Mylar | 0.1μF 50V 5% |
| C115/C215 | 5260162550 | Elec. | 10μF 16V |
| C116/C216 | 5171856000 | Mylar | 0.01μF 50V 5% |
| C117/C217 | 5171856000 | Mylar | 0.01μF 50V 5% |
| C118/C218 | 5171862000 | Mylar | 0.018μF 50V 5% |
| C119/C219 | 5260160550 | Elec. | 0.47μF 50V |
| C120/C220 | 5172224000 | Ceramic | 0.001μF 50V |
| C121/C221 | 5260164252 | Elec. | 33μF 16V |
| C122/C222 | 5172220000 | Ceramic | 470pF 50V |
| C123/C223 | 5172203000 | Ceramic | 18pF 50V |
| C124/C224 | 5260160750 | Elec. | 1μF 50V |
| C125/C225 | 5172216000 | Ceramic | 220pF 50V |
| C126/C226 | 5260160550 | Elec. | 0.47μF 50V |
| C301/C401 | 5260160750 | Elec. | 1μF 50V |
| C302/C402 | 5260164252 | Elec. | 33μF 16V |
| C303/C403 | 5260166852 | Elec. | 220μF 10V |
| C304/C404 | 5172208000 | Ceramic | 47pF 50V 5% |
| C305/C405 | 5170362000 | Mylar | 0.0027μF 50V 5% |
| C306/C406 | 5260162550 | Elec. | 10μF 16V |
| C307/C407 | 5170370000 | Mylar | 0.0056μF 50V 5% |
| C308/C408 | 5260162150 | Elec. | 4.7μF 50V |
| C309/C409 | 5170368000 | Mylar | 0.047μF 50V 5% |
| C310/C410 | 5171872000 | Mylar | 0.047μF 50V 5% |
| C311/C411 | 5171866000 | Mylar | 0.027μF 50V 5% |
| C312/C412 | 5260162550 | Elec. | 10μF 16V |
| C313/C413 | 5260210450 | Elec. | 0.1μF 50V |
| C314/C414 | 5260210850 | Elec. | 0.33μF 50V |
| C315/C415 | 5172222000 | Ceramic | 680pF 50V |
| C323/C423 | 5260162150 | Elec. | 4.7μF 50V |
| C351/C451 | 5260162150 | Elec. | 4.7μF 50V |
| C352/C452 | 5260210650 | Elec. | 0.22μF 50V |
| C353/C453 | 5171878000 | Mylar | 0.1μF 50V 5% |
| C354/C454 | 5171878000 | Mylar | 0.1μF 50V 5% |
| C355/C455 | 5170364000 | Mylar | 0.0033μF 50V 5% |
| C356/C456 | 5170364000 | Mylar | 0.0033μF 50V 5% |
| C357/C457 | 5263106620 | Poly. | 330pF 50V 5% |
| C358/C458 | 5263107020 | Poly. | 470pF 50V 5% |
| C359/C459 | 5260210050 | Elec. | 0.68pF 50V |
| C360/C460 | 5171864000 | Mylar | 0.022μF 50V 5% |
| C361/C461 | 5260162550 | Elec. | 10μF 16V |
| C362/C462 | 5171868000 | Mylar | 0.033μF 50V 5% |
| C363/C463 | 5260210850 | Elec. | 0.33μF 50V |
| C364/C464 | 5170368000 | Mylar | 0.0047μF 50V 5% |
| C365/C465 | 5260165952 | Elec. | 100μF 10V |
| C366/C466 | 5263106820 | Poly. | 390pF 50V 5% |
| C367/C467 | 5171864000 | Mylar | 0.022μF 50V 5% |
| C368/C468 | 5260162550 | Elec. | 10μF 16V |
| C369/C469 | 5260161150 | Elec. | 2.2μF 50V |
| C370/C470 | 5172201000 | Ceramic | 12pF 50V 5% |
| C371/C471 | 5260162550 | Elec. | 10μF 16V |

V-530X/V-430X

| REF. NO. | PARTS NO. | DESCRIPTION | | | |
|---------------------------|--------------|--------------|----------------|------|----|
| C372/C472 | 5260162550 | Elec. | 10 μ F | 16V | |
| C373/C473 | 5260162550 | Elec. | 10 μ F | 16V | |
| C501 | 5260162150 | Elec. | 4.7 μ F | 50V | |
| C502, C503 | 5171856000 | Mylar | 0.01 μ F | 50V | 5% |
| C504 | 5260164252 | Elec. | 33 μ F | 16V | |
| C505 | 5263102520 | Poly. | 0.0068 μ F | 100V | |
| C507, C508 | 5173435000 | Ceramic | 0.047 μ F | 50V | |
| C509 | 5173054800 | Elec. | 220 μ F | 16V | |
| C510 | 5260162550 | Elec. | 10 μ F | 16V | |
| C511 | 5260165952 | Elec. | 100 μ F | 10V | |
| C513 | 5173435000 | Ceramic | 0.047 μ F | 50V | |
| C514 | 5260166052 | Elec. | 100 μ F | 16V | |
| C551 | 5173063000 | Elec. | 330 μ F | 10V | |
| C552 | 5260162550 | Elec. | 10 μ F | 16V | |
| C553 | 5260160750 | Elec. | 1 μ F | 50V | |
| C554 | 5260162550 | Elec. | 10 μ F | 16V | |
| C555, C556 | 5260160750 | Elec. | 1 μ F | 50V | |
| C557, C558 | 5173435000 | Ceramic | 0.047 μ F | 50V | |
| C559 | 5260164252 | Elec. | 33 μ F | 16V | |
| C560 | 5260160750 | Elec. | 1 μ F | 50V | |
| C701 | 5260161550 | Elec. | 3.3 μ F | 50V | |
| C702 | 5170372000 | Mylar | 0.0068 μ F | | |
| C703 | 5171864000 | Mylar | 0.022 μ F | | |
| C704 | 5260162850 | Elec. | 10 μ F | 50V | |
| C706 | 5260160550 | Elec. | 0.47 μ F | 50V | |
| C707 | 5260160750 | Elec. | 1 μ F | 50V | |
| C708 | 5260160550 | Elec. | 0.47 μ F | 50V | |
| C709 | 5260161150 | Elec. | 2.2 μ F | 50V | |
| C710 | 5260165952 | Elec. | 100 μ F | 10V | |
| C711 | 5260162550 | Elec. | 10 μ F | 16V | |
| C712, C713 | 5260162150 | Elec. | 4.7 μ F | 50V | |
| C801 | 5171874000 | Mylar | 0.0047 μ F | 50V | |
| C802 | 5260160550 | Elec. | 0.47 μ F | 50V | |
| C803 | 5260162150 | Elec. | 4.7 μ F | 50V | |
| C804 | 5173432000 | Ceramic | 4700pF | | |
| C805 | 5260162550 | Elec. | 10 μ F | 16V | |
| C806 | 5260162150 | Elec. | 4.7 μ F | 50V | |
| C807 | 5172216000 | Ceramic | 220pF | | |
| C901 | △ 5173089000 | Elec. | 2200 μ F | 25V | |
| C902, C903 | 5173054800 | Elec. | 220 μ F | 16V | |
| C904 | 5173054800 | Elec. | 220 μ F | 16V | |
| C905 | 5260166052 | Elec. | 100 μ F | 16V | |
| C906 | 5173072000 | Elec. | 470 μ F | 16V | |
| C907 | 5260164252 | Elec. | 33 μ F | 16V | |
| C908 | 5260162550 | Elec. | 10 μ F | 16V | |
| C909 | 5260165952 | Elec. | 100 μ F | 10V | |
| C910, C911 | 5260162150 | Elec. | 4.7 μ F | 50V | |
| VARIABLE RESISTORS | | | | | |
| R116/R216 | 5280020500 | Semi-fixed, | 470 Ω | (B) | |
| R123/R223 | 5280021700 | Semi-fixed, | 47k Ω | (B) | |
| R142/R242 | 5280022200 | Semi-fixed, | 330k Ω | (B) | |
| R153/R253 | 5280021300 | Semi-fixed, | 10k Ω | (B) | |
| R552 | 5280021000 | Semi-fixed, | 3.3k Ω | (B) | |
| COILS | | | | | |
| L101/L201 | 5760674200 | Choke, 6.8mH | | | |
| L501 | 5760674300 | Bias OSC | | | |
| Z101/Z201 | 5760670600 | Bias Trap | | | |

| REF. NO. | PARTS NO. | DESCRIPTION | | | |
|--|--------------|------------------|-------------|-----|------|
| CONNECTORS | | | | | |
| P801, P803 | 5760671100 | 7P | | | |
| P802 | 5760671300 | Socket, Jump; 4P | | | |
| | 5760671700 | Socket, Jump; 8P | | | |
| MISCELLANEOUS | | | | | |
| Z301/Z401 | 5760670800 | Filter, Dolby | | | |
| J001 | 5760672100 | Jack, US-4P | | | |
| MIC AMPL. PCB ASSY | | | | | |
| TRANSISTORS | | | | | |
| Q101/Q201 | 5230770400 | 2SC1815NEW-BL | | | |
| CARBON RESISTORS | | | | | |
| All resistors are rated $\pm 5\%$ tolerance and 1/6 watt unless otherwise noted. | | | | | |
| R515 | △ 5181466000 | 220 Ω | | | 1/4W |
| R103/R203 | 5240029820 | 4.7k Ω | | | |
| R104/R204 | 5240032020 | 39k Ω | | | |
| R105/R205 | 5240033820 | 220k Ω | | | |
| R106/R206 | 5240024620 | 33 Ω | | | |
| R107/R207 | 5240030020 | 5.6k Ω | | | |
| R108/R208 | 5240032220 | 47k Ω | | | |
| CAPACITORS | | | | | |
| C101/C201 | 5260161550 | Elec. | 3.3 μ F | 50V | |
| C102/C202 | 5172216000 | Ceramic | 220pF | 50V | |
| C103/C203 | 5260161550 | Elec. | 3.3 μ F | 50V | |
| C506 | 5260164252 | Elec. | 33 μ F | 16V | |
| MISCELLANEOUS | | | | | |
| J002 | 5760673400 | Jack, PHONES | | | |
| J003 | 5760673300 | Jack, MIC x 2 | | | |
| NR SWITCH PCB ASSY | | | | | |
| DIODES | | | | | |
| D556, D557 | 5224012920 | 1S2473FT | | | |
| RESISTORS | | | | | |
| All resistors are rated $\pm 5\%$ tolerance and 1/6 watt. | | | | | |
| R520 | 5240030420 | 8.2k Ω | | | |
| R580, R581 | 5240028220 | 1k Ω | | | |
| R582 | 5240028620 | 1.5k Ω | | | |
| MISCELLANEOUS | | | | | |
| S551A ~ S551E | 5760672700 | Switch, Push | | | |

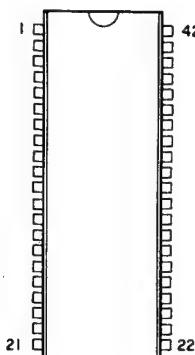
| REF. NO. | PARTS NO. | DESCRIPTION |
|---|------------|---|
| NR LED PCB ASSY | | |
| DIODES | | |
| D503, D504 | 5760668800 | LED, TLR205 |
| D505 | 5760668800 | LED, TLR205 |
| D558, D559 | 5760669000 | LED, TLG205-F |
| D560 | 5760669000 | LED, TLG205-F |
| RESISTORS | | |
| All resistors are rated $\pm 5\%$ tolerance and 1/6 watt. | | |
| R512, R513 | 5240028620 | 1.5k Ω |
| R514 | 5240028620 | 1.5k Ω |
| R579 | 5240028020 | 820 Ω |
| REC VR PCB ASSY | | |
| R01 | 5760725000 | Var. Res., Slide; 100k Ω (B) x 2 |
| OUTPUT VR PCB ASSY | | |
| R02 | 5760725100 | Var. Res., 10k Ω (A) x 2 |
| TIMER SWITCH PCB ASSY | | |
| S808 | 5760673000 | Switch, Slide |
| SWITCH PCB ASSY | | |
| DIODES | | |
| D816 | 5225006800 | LED, TLG123A |
| D817 | 5760668700 | LED, TLR123 |
| MISCELLANEOUS | | |
| S801, S802 | 5760672600 | Switch, Key |
| S803, S804 | 5760672600 | Switch, Key |
| SWITCH & LED PCB ASSY | | |
| DIODES | | |
| D818, D819 | 5760668800 | LED, TLR205 |
| MISCELLANEOUS | | |
| S805, S806 | 5760672600 | Switch, Key |
| S807 | 5760672600 | Switch, Key |
| POWER SWITCH PCB ASSY | | |
| C001 | 5760769100 | Capacitor, Ceramic; 0.047 μ F 400V |
| S001 | 5760769200 | Capacitor, Ceramic; 0.01 μ F 250V |
| | 5760672900 | Switch, Push; POWER |

V-530X/V-430X

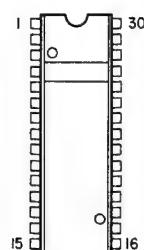
9 SEMICONDUCTOR ELECTRODES AND IC BLOCK DIAGRAM

半導体の端子外形図及びICブロック・ダイヤグラム

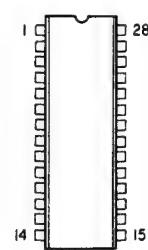
LM6402H-431
(TOP VIEW)



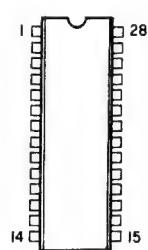
HA12058NT
(TOP VIEW)



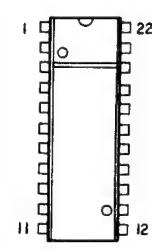
TC9310N-060
(TOP VIEW)



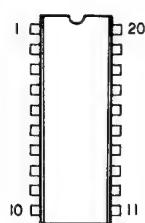
LC7800
(TOP VIEW)



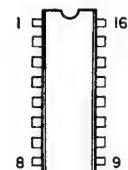
AN6291
(TOP VIEW)



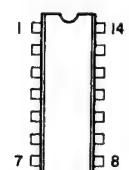
LB1475
(TOP VIEW)



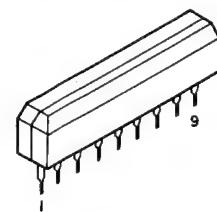
TC4516BP
TA7629P
TC4049BP
TC5067BP
TD62305P
(TOP VIEW)



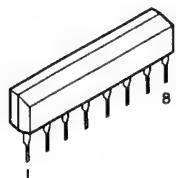
TC4001BP
TC4016BP
TC4066BP
TD62703P
(TOP VIEW)



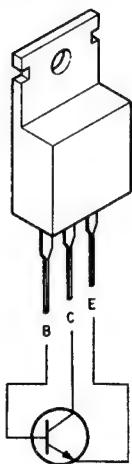
TA7341P
TA7354P
TA7555S



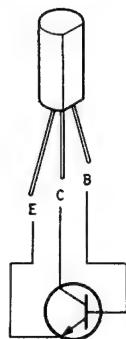
M51143AL-MOS



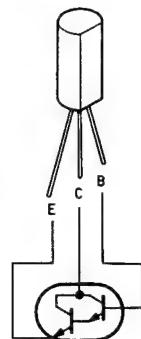
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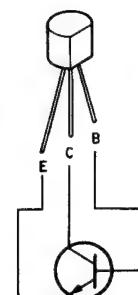
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2SC2236



2SD1140



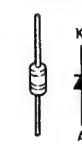
2SA1015
2SC1815
2SC1959
2SC2120
2SC2878



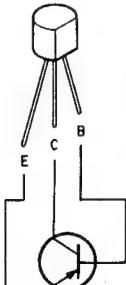
RD5.1EB2FR
RD6.2EB2FR
RD12EB2FR



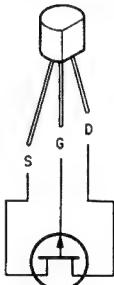
1S2473FT
1SS178
1S1555V



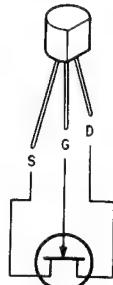
2SA966
2SA562



2SK246



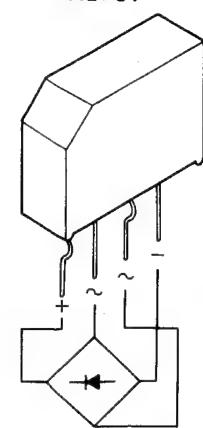
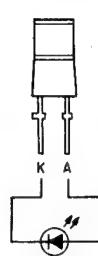
2SJ103



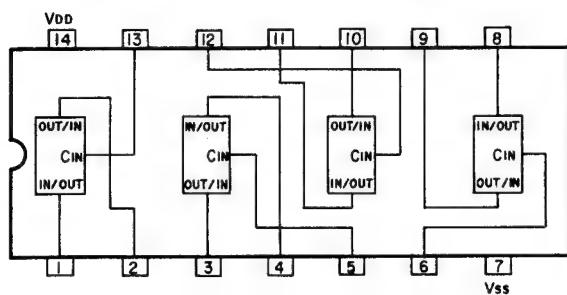
TLR123
TGL123



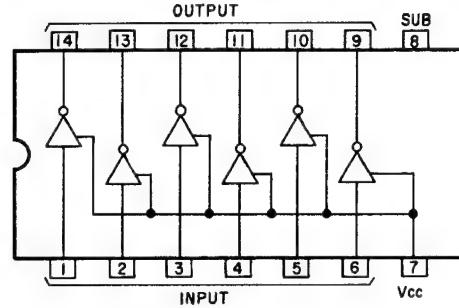
TLR205
TGL205



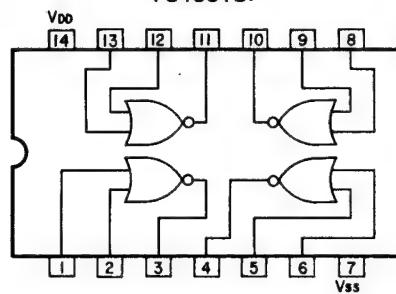
TC4016BP/TC4066BP



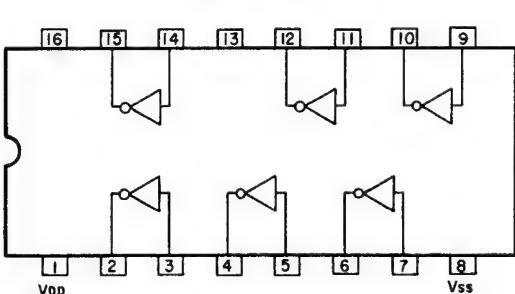
TD62703P



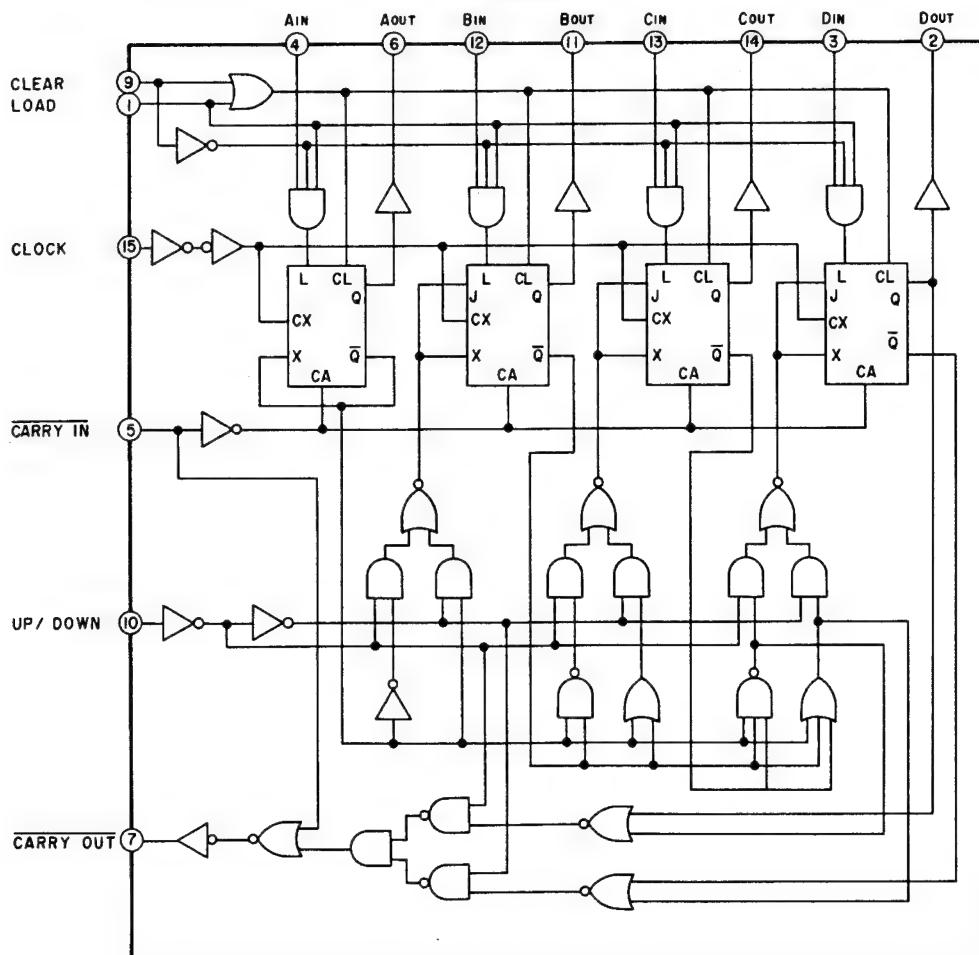
TC4001BP



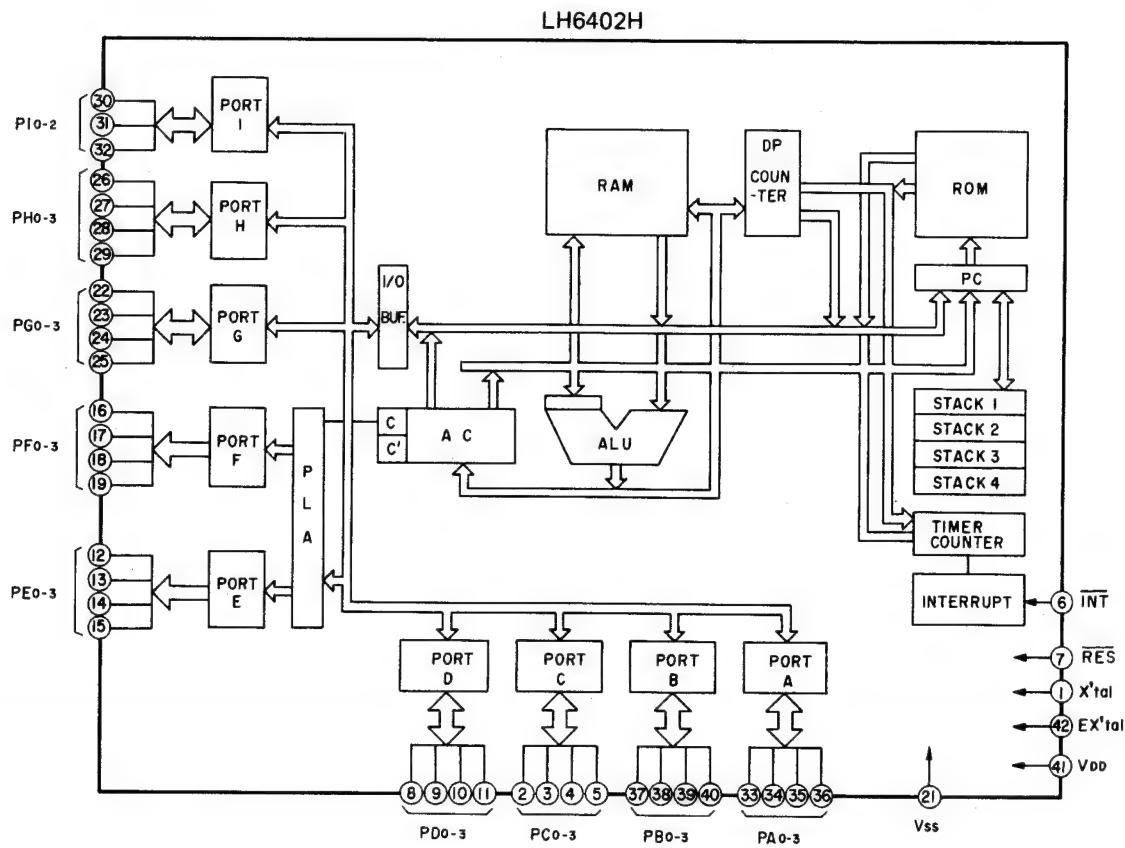
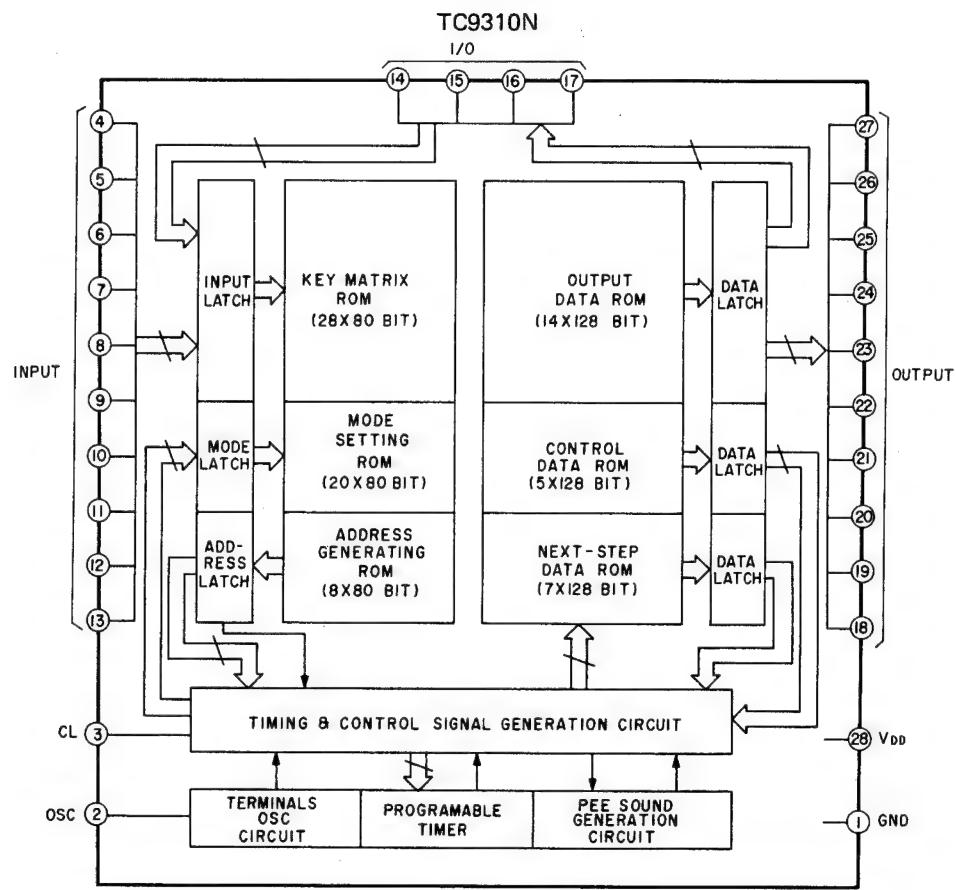
TC4049BP

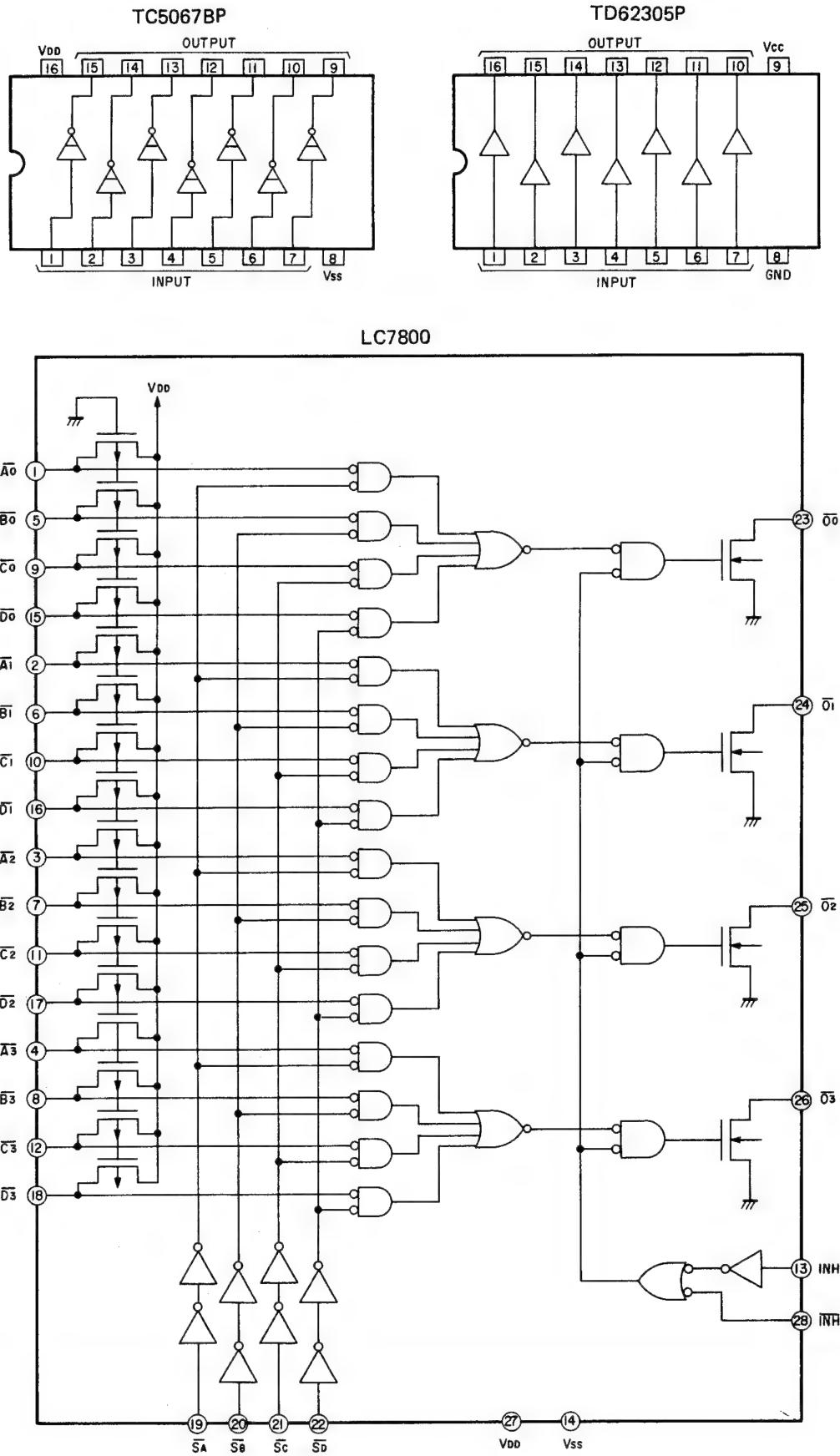


TC4516BP



V-530X/V-430X





SCHEMATIC DIAGRAMS

V-530X/V-430X

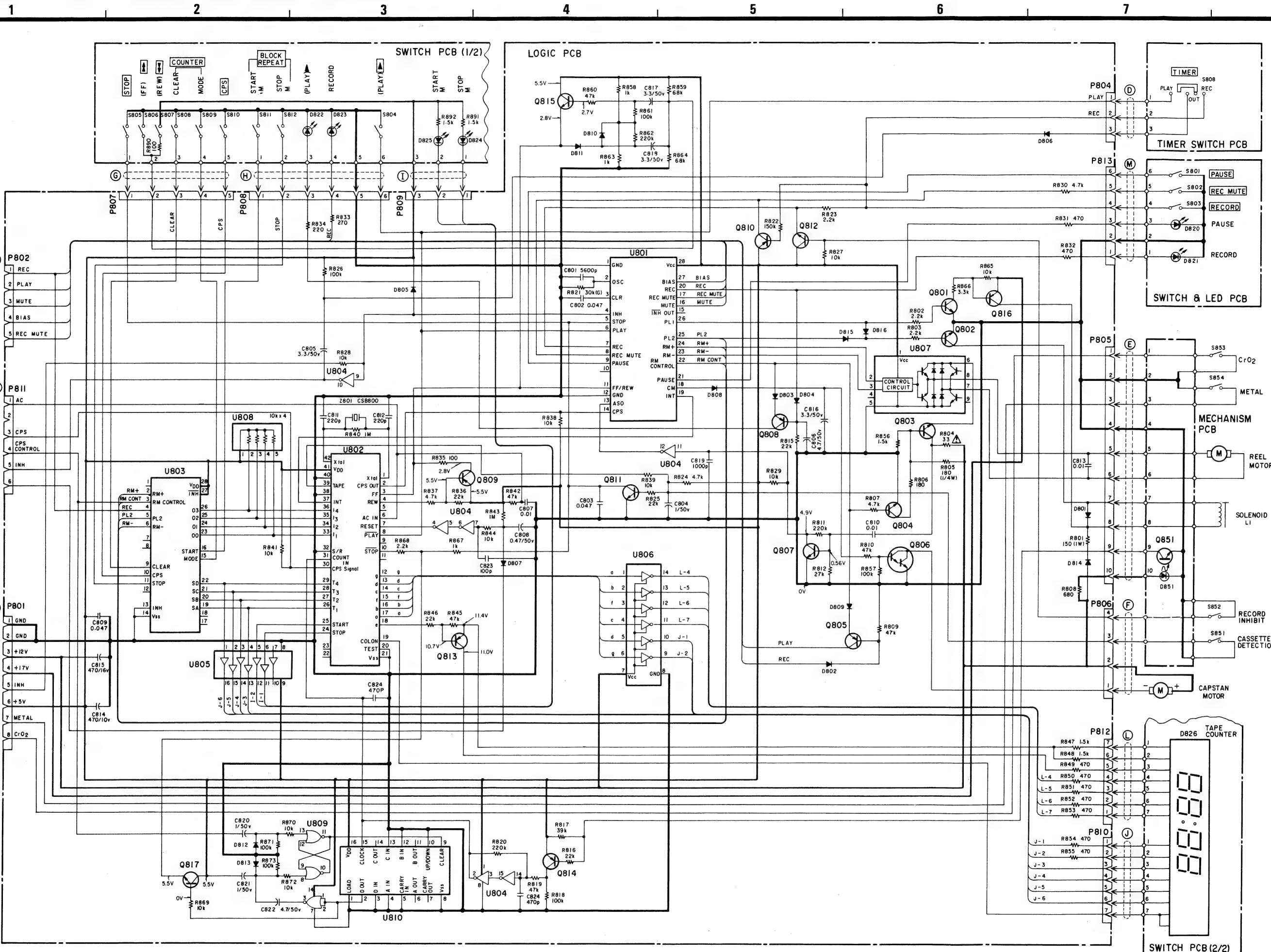
INSTRUCTIONS FOR SERVICE PERSONNEL
BEFORE RETURNING APPLIANCE TO THE CUSTOMER, MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT.

NOTES

1. Resistor values are in ohms (k = kilo-ohms, M = meg-ohms).
2. Capacitor values are in microfarads (p = picofarads).
3. Voltage and signal level values are for reference only.
 $0 \text{ dB} = 0.775\text{V}$
4.  : Front panel indication
5.  : Rear panel indication
6.  : +B power supply circuit
7.  Parts marked with this sign are safety critical components. They must always be replaced with identical components-refer to the appropriate parts list and ensure exact replacement.

注意

1. 抵抗の単位は Ω ($k=k\Omega$, $M=M\Omega$)です。
2. コンデンサの単位は μF ($p=p\text{F}$)です。
3. 電圧及び信号レベルは参考値です。
 $0\text{dB}=0.775\text{V}$
4.  : フロント・パネル上の表示
5.  : リア・パネル上の表示
6.  : +B電源回路
7.  マークのある部品は安全重要部品です。
交換するときは必ずティック指定の部品を使用してください。



U801-T
U802-L
U803-L
U804-T
U805-T
U806-T
U807-T
U808-R
U809-T
U810-T

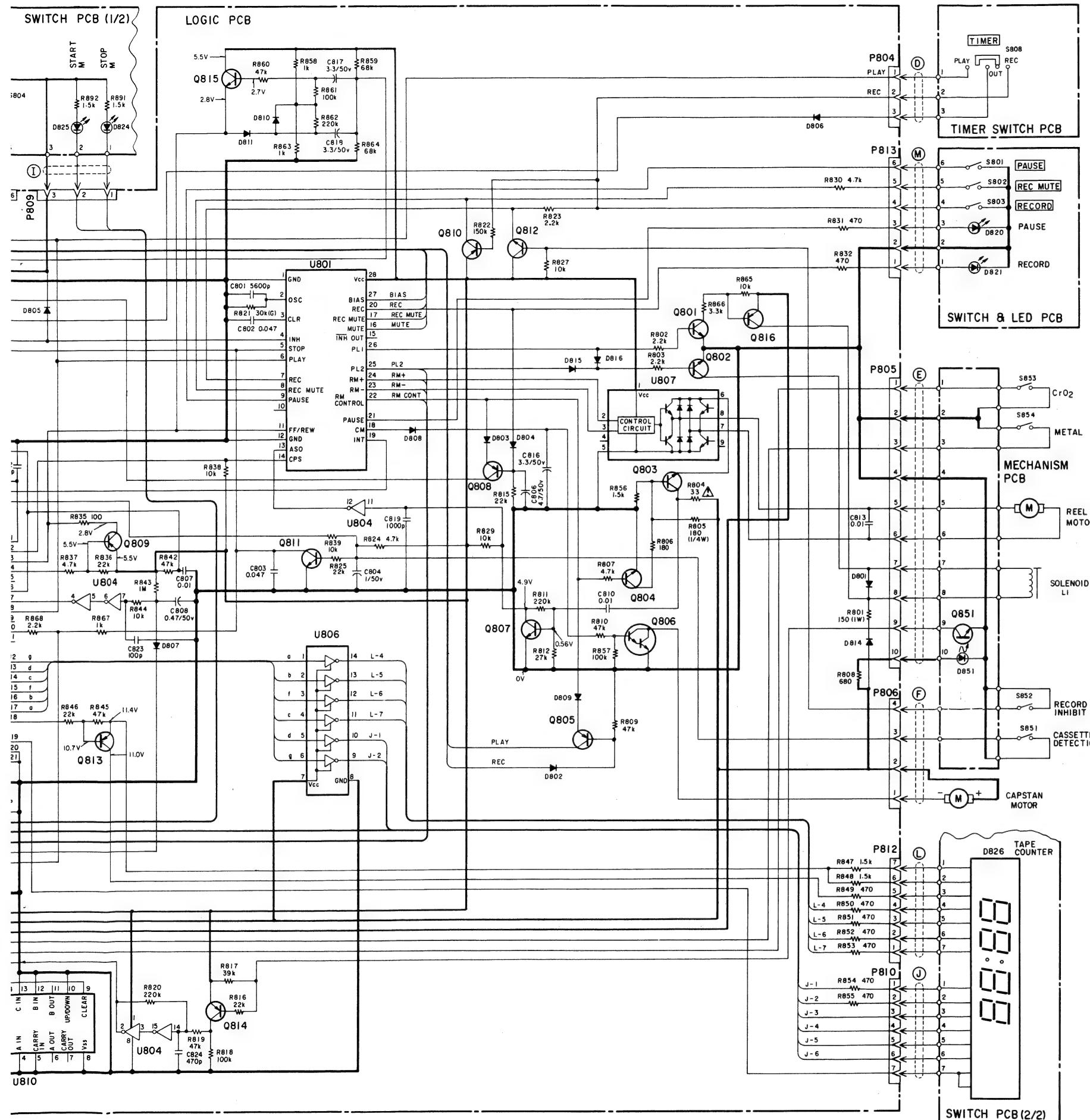
Q801, Q803
Q803-0804, 0805
Q805, Q806
Q815-0816
Q816-0817

D801-D802
D826-D823, D85
D822-D824, D82

U801-
U802-
U803-
U804-
U805-
U806-
U807-
U808-
U809-
U810-

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100

Q801
E
P1
C
P0
B
PL
OT



U801---TC931ON-060
U802---LM6402H-431
U803---LC7800
U804---TC4049BP
U805---TD6230SP
U806---TD6270SP
U807---TA7354P
U808---RESISTOR ARRAY
U809---TC4001BP
U810---TC4516BP

Q801, Q802-----2SC1959
Q803-----2SC1627A
Q804, Q807, Q811, Q812, Q815, Q817-----2SC1815
Q805, Q808~Q810, Q813, Q814-----2SA1015
Q806-----2SD1140
Q816-----2SA562
Q851-----TPS-603-B

D801-----S5277B

D802 ~ D816 --- IS2473(ISS176)
D826 ----- TLG4125 (TAPE COUNTER)
D822, D851 ----- TLR123
D822 ----- TLG23A
D824, D825 ----- TLR205

| | |
|---|----------------------|
| E | 0V |
| C | PLAY,PLAY PAUSE 4.0V |
| E | REC,REC PAUSE 4.6V |
| C | OTHERS 0V |

| | |
|---|----------------------|
| E | 0V |
| C | PLAY,PLAY PAUSE 4.0V |
| E | REC,REC PAUSE 4.6V |
| C | OTHERS 0V |

| | |
|---|----------------------|
| E | 0V |
| C | PLAY,PLAY PAUSE 3.4V |
| E | REC,REC PAUSE 4.2V |
| C | OTHERS 0V |

| | |
|---|---------------------|
| E | 0V |
| C | WITHOUT CASSETTE 0V |
| E | STOP KEY IN 0V |
| C | OTHERS 5.5V |

| | |
|---|--------------------|
| E | 0V |
| C | WITH CASSETTE 0.7V |
| E | WITH CASSETTE 0V |
| C | OTHERS 5.5V |

| | |
|---|--------------------------------|
| E | 0V |
| C | WITH CASSETTE TABS 0V |
| E | REMOVED or WITHOUT CASSETTE 0V |
| C | OTHERS 5.5V |

| | |
|---|------------------------|
| E | 5.5V |
| C | REC MUTE KEY IN 0.3V |
| E | OTHERS 5.5V |
| B | REC KEY IN OTHERS 5.4V |

| | |
|---|----------------------|
| E | 0V |
| C | PLAY,PLAY PAUSE 4.0V |
| E | REC,REC PAUSE 4.6V |
| C | OTHERS 0V |

| | |
|---|----------------------|
| E | 0V |
| C | PLAY,PLAY PAUSE 3.4V |
| E | REC,REC PAUSE 4.2V |
| C | OTHERS 0V |

| | |
|---|---------------------|
| E | 0V |
| C | WITHOUT CASSETTE 0V |
| E | WITH CASSETTE 0.7V |
| C | WITH CASSETTE 0V |

| | |
|---|--------------------------------|
| E | 0V |
| C | WITH CASSETTE TABS 0V |
| E | REMOVED or WITHOUT CASSETTE 0V |
| C | OTHERS 5.5V |

| | |
|---|----------------------------------|
| E | 14.5~19.0V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |
| E | PLAY,REC,REC MUTE 2.4V |
| C | OTHERS 11.2V |

| | |
|---|----------------------------------|
| E | 14.5~19.0V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |
| E | PLAY,REC,REC MUTE 2.4V |
| C | OTHERS 11.2V |

| | |
|---|----------------------------------|
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |

| | |
|---|----------------------------------|
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |

| | |
|---|----------------------------------|
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |

| | |
|---|----------------------------------|
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |

| | |
|---|----------------------------------|
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |

| | |
|---|----------------------------------|
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |

| | |
|---|----------------------------------|
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |
| E | 0V |
| C | PLAY,REC,REC MUTE 2.4V |
| E | OTHERS 11.2V |
| C | VARIABLE WITH VOLTAGE VARIATIONS |

TEAC SCHEMATIC DIAGRAM (Amplifier Section) **V-530X**

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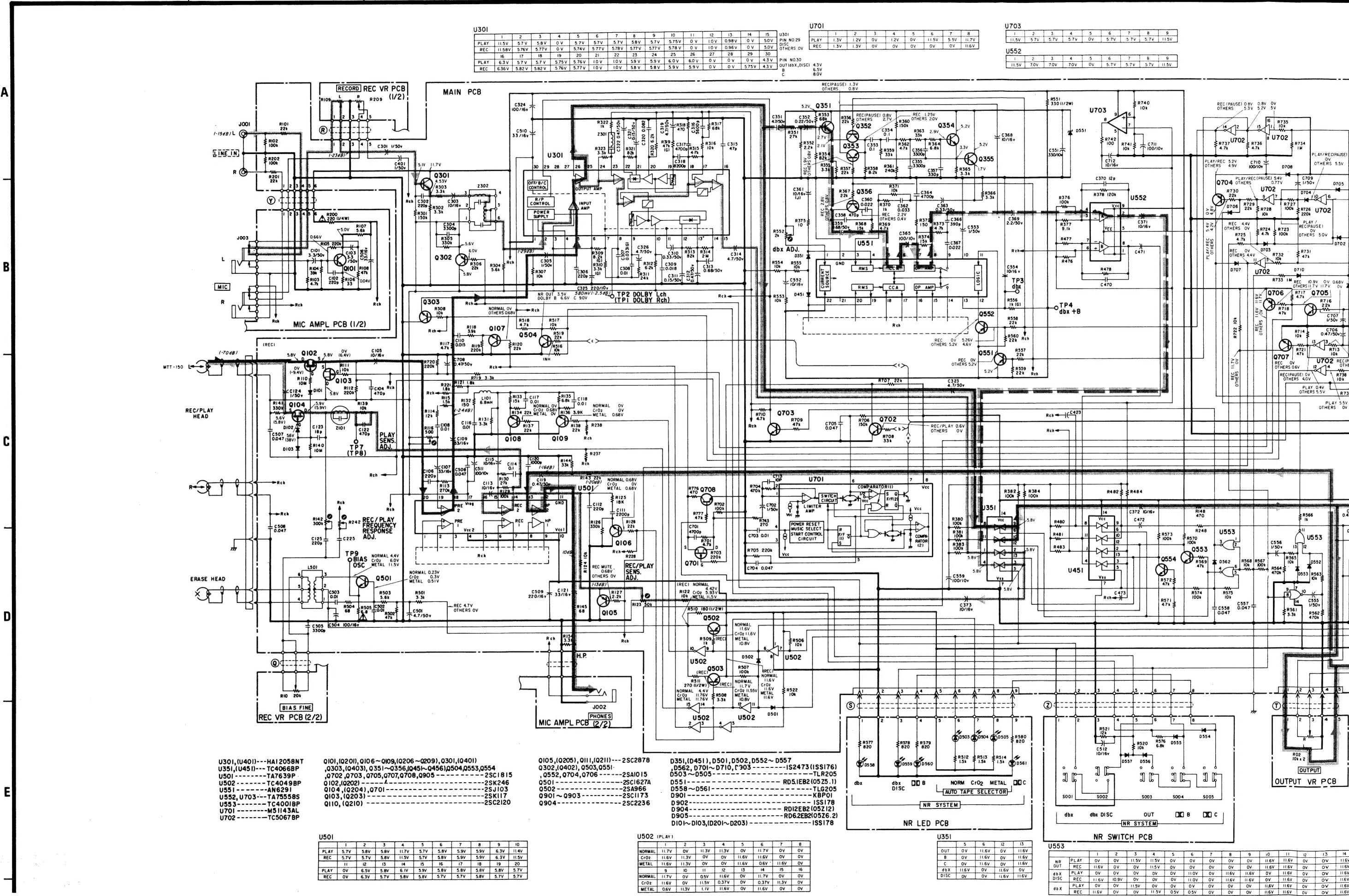
4

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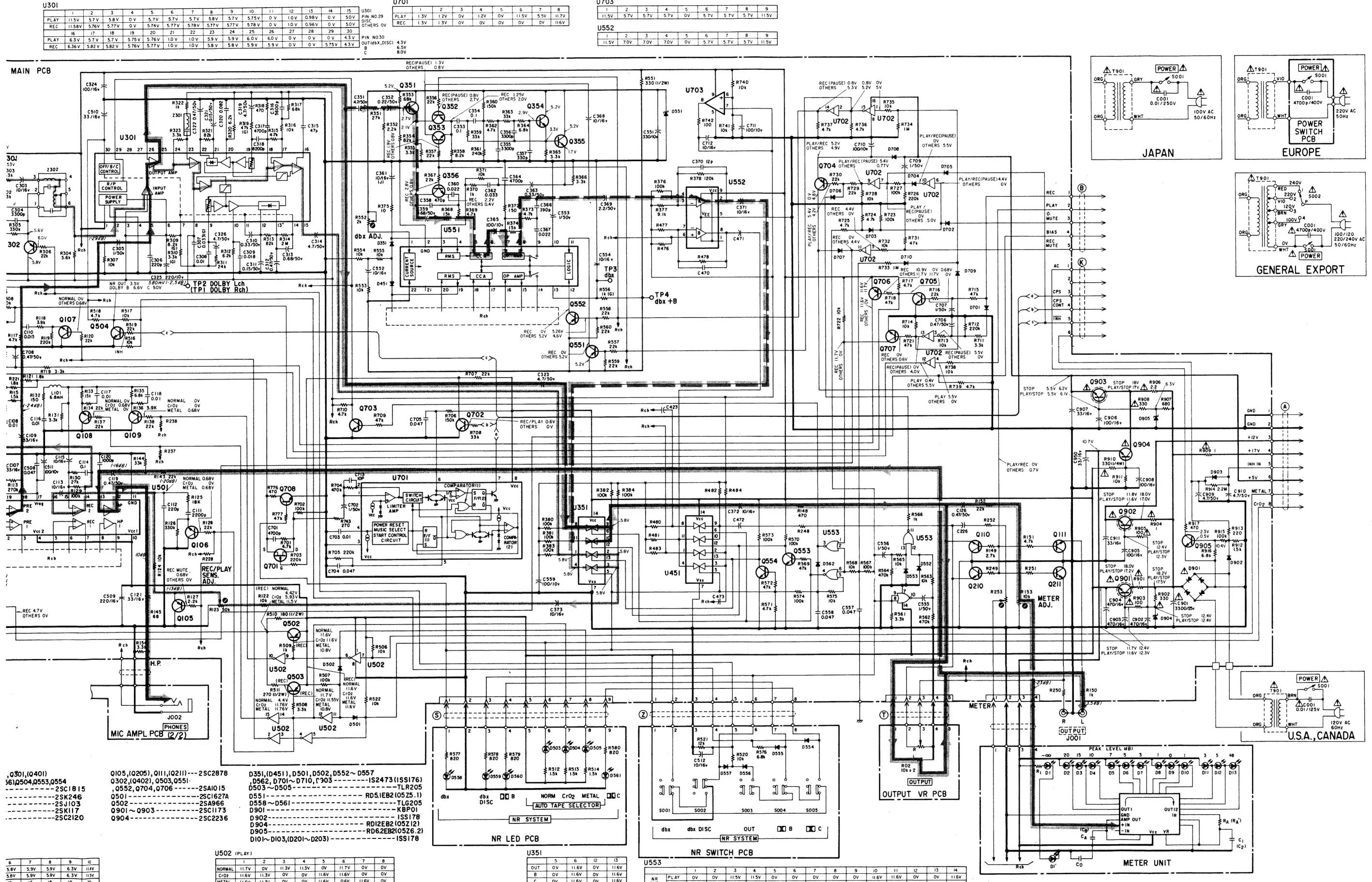


| U301 | | | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|------|-------|------|
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| PLAY | 5.7V | 5.8V | 0V | 5.7V | 5.7V | 5.7V | 5.7V | 5.8V | 5.7V | 5.7V | 0V | 5.0V | 0V | 5.0V |
| REC | 15.8V | 5.76V | 5.77V | 0V | 5.74V | 5.77V | 5.77V | 5.77V | 5.78V | 5.78V | 0V | 5.0V | 0.93V | 0V |
| | 16 | 17 | 18 | 19 | 20 | | | | | | | | | |
| PLAY | 6.3V | 5.7V | 5.7V | 5.76V | 10V | 10V | 5.9V | 5.8V | 6.0V | 6.0V | 0V | 0V | 0V | 4.3V |
| REC | 6.36V | 5.82V | 5.76V | 5.77V | 10V | 10V | 5.8V | 5.9V | 5.9V | 5.9V | 0V | 0V | 0V | 4.3V |

| U701 | | | | | | | | |
|----------------|------|------|----|------|----|-------|------|-------|
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| PLAY | 1.3V | 1.2V | 0V | 1.2V | 0V | 1.15V | 5.5V | 1.15V |
| REC | 1.3V | 1.3V | 0V | 0V | 0V | 0V | 0V | 1.16V |
| | | | | | | | | |
| PIN NO.29 | | | | | | | | |
| DISC OTHERS OV | | | | | | | | |

| U703 | | | | | | | | |
|---------------|-------|------|------|------|------|------|------|-------|
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| PLAY | 5.7V | 5.7V | 0V | 5.7V | 5.7V | 5.7V | 5.7V | 1.15V |
| REC | 11.5V | 7.0V | 7.0V | 0V | 5.7V | 5.7V | 5.7V | 1.15V |
| | | | | | | | | |
| PIN NO.30 | | | | | | | | |
| OUT(dBx,DISC) | | | | | | | | |
| REC | 4.3V | 4.3V | 0V | 0V | 0V | 0V | 0V | 0V |
| | | | | | | | | |
| C | 6.5V | 8.0V | | | | | | |

MAIN PCB



,0301,(0401)
61)Q504,Q553,Q554
0302,(0402),0503,0551-
2SC1815
---2SK246
2SC103
2SK117
0904-2SC2236

0105,(Q205),0111,(Q211)--2SC2878
0302,(0402),0503,0551-
0552,0704,0706-2SA1015
0503-D505-
0551-2SC627A
0558~0561-
0901-KBPO
D902-
D904-
D905-D103,(D201~D203)-
D101~D108,(D204~D207)-
IS2473 (ISS176)
IS2473 (ISS176)
IS2473 (ISS176)
IS2473 (ISS176)
IS2473 (ISS176)
IS2473 (ISS176)

D351,(D451),D501,D502,D552~D557
D552,D701,T903-
IS2473 (ISS176)
IS2473 (ISS176)
IS2473 (ISS176)
IS2473 (ISS176)
IS2473 (ISS176)
IS2473 (ISS176)

| U502 (PLAY) | | | | | | | |
|-------------|-------|-------|-------|-------|-------|----|-------|
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| NORMAL | 1.17V | 1.13V | 1.13V | 0V | 1.17V | 0V | 1.14V |
| C/2 | 1.16V | 1.13V | 0V | 0V | 1.16V | 0V | 0V |
| METAL | 1.16V | 1.13V | 0V | 0.6V | 1.16V | 0V | 0V |
| 16 | 17 | 18 | 19 | 20 | | | |
| NORMAL | 5.8V | 5.8V | 5.7V | 5.7V | | | |
| C/2 | 5.7V | 5.8V | 5.7V | 5.7V | | | |
| METAL | 0.6V | 1.13V | 1.14V | 1.14V | | | |

| U553 | | | | | | | | | |
|------|------|-------|-------|-------|------|------|----|-------|----|
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| NR | PLAY | 0V | 1.15V | 1.15V | 0V | 0V | 0V | 1.16V | 0V |
| OUT | REC | 1.16V | 0V | 1.15V | 0V | 0V | 0V | 1.16V | 0V |
| NR | PLAY | 0V | 0V | 0V | 0V | 0V | 0V | 1.16V | 0V |
| DISC | REC | 1.16V | 0V | 0V | 0V | 0V | 0V | 1.16V | 0V |
| NR | PLAY | 0V | 1.15V | 0V | 0V | 0V | 0V | 1.16V | 0V |
| DISC | REC | 1.16V | 0V | 0V | 0.5V | 0.5V | 0V | 1.16V | 0V |

V-530X
Amplifier Section

2nd Edition: September, 1984

TEAC SCHEMATIC DIAGRAM (Amplifier Section) **V-430X**

1 | **2** | **3** | **4** | **5** | **6** | **7** | **8**

